

Maricopa County Health Status Report 2003 – 2007



Five Year Trends Reference Tables



Prepared by the Maricopa County Department of Public Health
Office of Epidemiology
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Amy Prestanski, Epidemiologist
Liva Nohre, Sr. Epidemiologist
Mare Schumacher, Interim Director

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Maricopa County Health Status Report 2003-2007

Five Year Trends: Reference Tables

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Introduction

This report provides health status information for the years 2003 to 2007 for residents of Maricopa County, Arizona. It includes data for mortality (death), communicable diseases, and natality (birth), as well as information on the size and demographic distribution of the population.

For each disease or health indicator, the following information is provided:

- Number of cases in the county
 - Communicable Disease Example: 52 residents of Maricopa County were diagnosed with a confirmed case of West Nile Virus in 2007.
 - Natality (Birth) Example: There were 818 infants born with a very low birthweight (less than 1500 grams) in 2007.
- Rate or percentage of cases in the county
 - Communicable Disease Example: For every 100,000 residents of Maricopa County, 1.3 were diagnosed with West Nile Virus in 2007.
 - Natality (Birth) Example: Among all live births in 2007, 1.2% of infants were born with a very low birthweight.

All data in this report are for calendar years 2003 through 2007.

Information on data sources and methodology are in Section III – Technical Notes.

***I. Maricopa County Population Statistics
2003-2007 Tables***

Maricopa County Population Statistics

Table 1.01 Population Estimates for Age by Sex, Race/Ethnicity by Sex, and Age by Race/Ethnicity, 2007

Age by Sex							Race/Ethnicity by Sex				
Age	Males		Females		Total		Race/Ethnicity	Males		Females	
	No.	%	No.	%	No.	%		No.	%	No.	%
0-4	165,376	8.5%	158,485	8.2%	323,861	8.3%	White	1,137,951	58.2%	1,171,596	60.8%
5-9	150,503	7.7%	143,906	7.5%	294,409	7.6%	Hispanic	614,601	31.5%	549,405	28.5%
10-14	143,036	7.3%	136,610	7.1%	279,646	7.2%	African American	80,825	4.1%	77,863	4.0%
15-19	134,994	6.9%	125,473	6.5%	260,467	6.7%	Amer. Ind., Non-Hisp.	29,413	1.5%	32,192	1.7%
20-24	132,485	6.8%	115,933	6.0%	248,418	6.4%	Amer. Ind., Hisp.	9,587	0.5%	9,063	0.5%
25-34	314,442	16.1%	281,137	14.6%	595,579	15.3%	Asian	54,766	2.8%	59,480	3.1%
35-44	291,635	14.9%	273,123	14.2%	564,758	14.6%	Other/2+ Races	26,933	1.4%	26,506	1.4%
45-54	248,959	12.7%	252,271	13.1%	501,230	12.9%					
55-64	181,781	9.3%	197,657	10.3%	379,438	9.8%	Total	1,954,076		1,926,105	
65-74	104,257	5.3%	118,221	6.1%	222,478	5.7%					
75-84	64,011	3.3%	84,186	4.4%	148,197	3.8%					
85+	22,597	1.2%	39,103	2.0%	61,700	1.6%					
Total	1,954,076		1,926,105		3,880,181						

Age by Race/Ethnicity															
Age	White		Hispanic		African American		American Indian		Asian		Other/2+ Races		Total		
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%			
							No.	%	No.	%	No.	%			
0-4	133,134	5.8%	150,154	12.9%	14,712	9.3%	6,310	10.2%	1,260	6.8%	9,352	8.2%	8,939	16.7%	323,861
5-9	129,505	5.6%	127,434	10.9%	14,216	9.0%	5,352	8.7%	1,853	9.9%	8,100	7.1%	7,949	14.9%	294,409
10-14	131,286	5.7%	112,876	9.7%	13,762	8.7%	5,225	8.5%	2,214	11.9%	7,304	6.4%	6,979	13.1%	279,646
15-19	134,089	5.8%	93,954	8.1%	13,338	8.4%	5,684	9.2%	2,037	10.9%	6,044	5.3%	5,321	10.0%	260,467
20-24	131,584	5.7%	87,769	7.5%	11,954	7.5%	5,329	8.7%	1,596	8.6%	6,021	5.3%	4,165	7.8%	248,418
25-34	291,961	12.6%	234,609	20.2%	24,279	15.3%	11,987	19.5%	3,405	18.3%	22,441	19.6%	6,897	12.9%	595,579
35-44	333,690	14.4%	168,353	14.5%	24,158	15.2%	9,158	14.9%	2,840	15.2%	21,588	18.9%	4,971	9.3%	564,758
45-54	353,908	15.3%	99,773	8.6%	20,219	12.7%	6,372	10.3%	1,957	10.5%	15,182	13.3%	3,819	7.1%	501,230
55-64	299,429	13.0%	51,586	4.4%	11,885	7.5%	3,604	5.9%	879	4.7%	9,697	8.5%	2,358	4.4%	379,438
65-74	184,554	8.0%	23,196	2.0%	6,178	3.9%	1,580	2.6%	424	2.3%	5,283	4.6%	1,263	2.4%	222,478
75-84	130,592	5.7%	10,717	0.9%	2,952	1.9%	724	1.2%	154	0.8%	2,470	2.2%	588	1.1%	148,197
85+	55,815	2.4%	3,585	0.3%	1,035	0.7%	280	0.5%	31	0.2%	764	0.7%	190	0.4%	61,700
Total	2,309,547		1,164,006		158,688		61,605		18,650		114,246		53,439		3,880,181

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2007.

Maricopa County Population Statistics

Table 1.02 Population by Sex, Age, and Race/Ethnicity, 2007

Females Age	White		Hispanic		African American		American Indian Non-Hispanic		Hispanic		Asian		Other/2+ Races		Total No.
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
	0-4	65,049	5.6%	73,448	13.4%	7,361	9.5%	3,214	10.0%	643	7.1%	4,554	7.7%	4,216	
5-9	63,279	5.4%	62,195	11.3%	7,036	9.0%	2,660	8.3%	942	10.4%	4,098	6.9%	3,696	13.9%	143,906
10-14	63,938	5.5%	55,150	10.0%	6,807	8.7%	2,543	7.9%	1,069	11.8%	3,675	6.2%	3,428	12.9%	136,610
15-19	65,109	5.6%	44,768	8.1%	6,254	8.0%	2,881	8.9%	1,048	11.6%	2,856	4.8%	2,557	9.6%	125,473
20-24	62,691	5.4%	39,453	7.2%	5,488	7.0%	2,743	8.5%	810	8.9%	2,798	4.7%	1,950	7.4%	115,933
25-29	73,851	6.3%	52,447	9.5%	5,925	7.6%	3,420	10.6%	832	9.2%	4,970	8.4%	2,090	7.9%	143,535
30-34	69,580	5.9%	50,752	9.2%	5,590	7.2%	2,953	9.2%	727	8.0%	6,439	10.8%	1,561	5.9%	137,602
35-39	80,048	6.8%	42,684	7.8%	6,025	7.7%	2,415	7.5%	693	7.6%	6,183	10.4%	1,365	5.1%	139,413
40-44	84,943	7.3%	33,863	6.2%	5,737	7.4%	2,271	7.1%	609	6.7%	5,090	8.6%	1,197	4.5%	133,710
45-49	92,941	7.9%	27,506	5.0%	5,422	7.0%	1,989	6.2%	547	6.0%	4,417	7.4%	1,056	4.0%	133,878
50-54	86,826	7.4%	20,415	3.7%	4,378	5.6%	1,552	4.8%	372	4.1%	3,902	6.6%	948	3.6%	118,393
55-59	84,710	7.2%	15,140	2.8%	3,573	4.6%	1,213	3.8%	235	2.6%	3,268	5.5%	697	2.6%	108,836
60-64	71,726	6.1%	10,647	1.9%	2,516	3.2%	785	2.4%	193	2.1%	2,369	4.0%	585	2.2%	88,821
65-69	54,512	4.7%	7,163	1.3%	1,895	2.4%	558	1.7%	140	1.5%	1,674	2.8%	436	1.6%	66,378
70-74	43,199	3.7%	5,225	1.0%	1,435	1.8%	384	1.2%	93	1.0%	1,243	2.1%	264	1.0%	51,843
75+	109,194	9.3%	8,549	1.6%	2,421	3.1%	611	1.9%	110	1.2%	1,944	3.3%	460	1.7%	123,289
Total	1,155,038		523,919		73,063		30,099		9,047		55,932		24,559		1,871,657

Males															
Age	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	Total No.
0-4	68,085	6.0%	76,706	12.5%	7,351	9.1%	3,096	10.5%	617	6.4%	4,798	8.8%	4,723	17.5%	165,376
5-9	66,226	5.8%	65,239	10.6%	7,180	8.9%	2,692	9.2%	911	9.5%	4,002	7.3%	4,253	15.8%	150,503
10-14	67,348	5.9%	57,726	9.4%	6,955	8.6%	2,682	9.1%	1,145	11.9%	3,629	6.6%	3,551	13.2%	143,036
15-19	68,980	6.1%	49,186	8.0%	7,084	8.8%	2,803	9.5%	989	10.3%	3,188	5.8%	2,764	10.3%	134,994
20-24	68,893	6.1%	48,316	7.9%	6,466	8.0%	2,586	8.8%	786	8.2%	3,223	5.9%	2,215	8.2%	132,485
25-29	76,895	6.8%	68,286	11.1%	6,670	8.3%	2,980	10.1%	966	10.1%	4,923	9.0%	1,906	7.1%	162,626
30-34	71,635	6.3%	63,124	10.3%	6,094	7.5%	2,634	9.0%	880	9.2%	6,109	11.2%	1,340	5.0%	151,816
35-39	83,083	7.3%	51,304	8.3%	6,223	7.7%	2,369	8.1%	765	8.0%	5,908	10.8%	1,310	4.9%	150,962
40-44	85,616	7.5%	40,502	6.6%	6,173	7.6%	2,103	7.1%	773	8.1%	4,407	8.0%	1,099	4.1%	140,673
45-49	91,224	8.0%	30,452	5.0%	5,843	7.2%	1,670	5.7%	582	6.1%	3,820	7.0%	1,046	3.9%	134,637
50-54	82,917	7.3%	21,400	3.5%	4,576	5.7%	1,161	3.9%	456	4.8%	3,043	5.6%	769	2.9%	114,322
55-59	77,077	6.8%	15,476	2.5%	3,381	4.2%	980	3.3%	253	2.6%	2,369	4.3%	605	2.2%	100,141
60-64	65,916	5.8%	10,323	1.7%	2,415	3.0%	626	2.1%	198	2.1%	1,691	3.1%	471	1.7%	81,640
65-69	49,450	4.3%	6,583	1.1%	1,644	2.0%	397	1.3%	111	1.2%	1,372	2.5%	342	1.3%	59,899
70-74	37,393	3.3%	4,225	0.7%	1,204	1.5%	241	0.8%	80	0.8%	994	1.8%	221	0.8%	44,358
75+	77,213	6.8%	5,753	0.9%	1,566	1.9%	393	1.3%	75	0.8%	1,290	2.4%	318	1.2%	86,608
Total	1,137,95		614,601		80,825		29,413		9,587		54,766		26,933		1,954,076

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2007.

Maricopa County Population Statistics

Table 1.01 Population Estimates for Age by Sex, Race/Ethnicity by Sex, and Age by Race/Ethnicity, 2006

Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	160,738	8.5%	154,004	8.2%	314,742	8.3%
5-9	145,937	7.7%	139,149	7.4%	285,086	7.5%
10-14	140,268	7.4%	133,698	7.1%	273,966	7.3%
15-19	130,608	6.9%	121,349	6.5%	251,957	6.7%
20-24	132,584	7.0%	116,651	6.2%	249,235	6.6%
25-34	308,904	16.2%	276,891	14.8%	585,795	15.5%
35-44	286,549	15.1%	269,248	14.3%	555,797	14.7%
45-54	238,639	12.5%	243,357	13.0%	481,996	12.8%
55-64	173,828	9.1%	189,090	10.1%	362,918	9.6%
65-74	99,510	5.2%	112,644	6.0%	212,154	5.6%
75-84	63,063	3.3%	83,804	4.5%	146,867	3.9%
85+	21,056	1.1%	37,029	2.0%	58,085	1.5%
Total	1,901,684		1,876,914		3,778,598	

Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,126,561	59.2%	1,160,426	61.8%
Hispanic	582,822	30.6%	520,883	27.8%
African American	76,915	4.0%	73,886	3.9%
Amer. Ind., Non-Hisp.	28,702	1.5%	31,483	1.7%
Amer. Ind., Hisp.	9,405	0.5%	8,875	0.5%
Asian	51,608	2.7%	56,170	3.0%
Other/2+ Races	25,671	1.3%	25,191	1.3%
Total	1,901,684		1,876,914	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian Non-Hispanic		Hispanic		Asian		Other/2+ Races		Total No.
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	132,260	5.8%	143,148	13.0%	14,056	9.3%	6,408	10.6%	1,332	7.3%	8,940	8.3%	8,598	16.9%	314,742
5-9	128,715	5.6%	120,561	10.9%	13,338	8.8%	5,190	8.6%	2,013	11.0%	7,482	6.9%	7,787	15.3%	285,086
10-14	132,488	5.8%	107,372	9.7%	13,365	8.9%	5,242	8.7%	2,165	11.8%	6,778	6.3%	6,556	12.9%	273,966
15-19	133,301	5.8%	87,910	8.0%	12,591	8.3%	5,535	9.2%	1,988	10.9%	5,703	5.3%	4,929	9.7%	251,957
20-24	132,580	5.8%	87,907	8.0%	11,555	7.7%	5,283	8.8%	1,611	8.8%	6,177	5.7%	4,122	8.1%	249,235
25-34	293,334	12.8%	225,879	20.5%	23,156	15.4%	11,762	19.5%	3,251	17.8%	21,927	20.3%	6,486	12.8%	585,795
35-44	338,759	14.8%	157,190	14.2%	23,306	15.5%	9,037	15.0%	2,762	15.1%	20,002	18.6%	4,741	9.3%	555,797
45-54	346,028	15.1%	91,631	8.3%	18,949	12.6%	5,930	9.9%	1,777	9.7%	14,118	13.1%	3,563	7.0%	481,996
55-64	289,225	12.6%	47,425	4.3%	10,983	7.3%	3,363	5.6%	821	4.5%	8,892	8.3%	2,209	4.3%	362,918
65-74	177,171	7.7%	21,352	1.9%	5,744	3.8%	1,512	2.5%	395	2.2%	4,829	4.5%	1,151	2.3%	212,154
75-84	130,384	5.7%	10,070	0.9%	2,786	1.8%	677	1.1%	139	0.8%	2,263	2.1%	548	1.1%	146,867
85+	52,742	2.3%	3,260	0.3%	972	0.6%	246	0.4%	26	0.1%	667	0.6%	172	0.3%	58,085
Total	2,286,987	5.8%	1,103,705		150,801		60,185		18,280		107,778		50,862		3,778,598

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2006.

Maricopa County Population Statistics

Table 1.02 Population by Sex, Age, and Race/Ethnicity, 2006

Females Age	White		Hispanic		African American		American Indian		Asian		Other/2+ Races		Total		
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%		No.	%
							No.	%	No.	%					
0-4	64,788	5.6%	69,938	13.4%	7,017	9.5%	3,268	10.4%	684	7.7%	4,373	7.8%	3,936	15.6%	154,004
5-9	62,715	5.4%	58,792	11.3%	6,595	8.9%	2,557	8.1%	1,031	11.6%	3,802	6.8%	3,657	14.5%	139,149
10-14	64,446	5.6%	52,430	10.1%	6,604	8.9%	2,598	8.3%	1,042	11.7%	3,362	6.0%	3,216	12.8%	133,698
15-19	64,588	5.6%	41,972	8.1%	5,879	8.0%	2,777	8.8%	1,017	11.5%	2,731	4.9%	2,385	9.5%	121,349
20-24	63,705	5.5%	39,243	7.5%	5,322	7.2%	2,762	8.8%	820	9.2%	2,804	5.0%	1,995	7.9%	116,651
25-29	73,280	6.3%	51,171	9.8%	5,545	7.5%	3,436	10.9%	777	8.8%	5,099	9.1%	1,929	7.7%	141,237
30-34	70,614	6.1%	48,467	9.3%	5,511	7.5%	2,769	8.8%	690	7.8%	6,114	10.9%	1,489	5.9%	135,654
35-39	79,880	6.9%	39,525	7.6%	5,546	7.5%	2,377	7.6%	685	7.7%	5,640	10.0%	1,281	5.1%	134,934
40-44	87,571	7.5%	32,138	6.2%	5,678	7.7%	2,313	7.3%	582	6.6%	4,846	8.6%	1,186	4.7%	134,314
45-49	91,749	7.9%	25,344	4.9%	5,165	7.0%	1,842	5.9%	503	5.7%	4,114	7.3%	1,003	4.0%	129,720
50-54	84,547	7.3%	18,741	3.6%	4,038	5.5%	1,462	4.6%	335	3.8%	3,659	6.5%	855	3.4%	113,637
55-59	84,679	7.3%	14,074	2.7%	3,270	4.4%	1,161	3.7%	218	2.5%	3,042	5.4%	671	2.7%	107,115
60-64	66,423	5.7%	9,643	1.9%	2,364	3.2%	696	2.2%	181	2.0%	2,127	3.8%	541	2.1%	81,975
65-69	51,223	4.4%	6,599	1.3%	1,758	2.4%	550	1.7%	122	1.4%	1,552	2.8%	384	1.5%	62,188
70-74	42,492	3.7%	4,849	0.9%	1,299	1.8%	358	1.1%	88	1.0%	1,131	2.0%	239	0.9%	50,456
75+	107,726	9.3%	7,957	1.5%	2,295	3.1%	557	1.8%	100	1.1%	1,774	3.2%	424	1.7%	120,833
Total	1,160,426		520,883		73,886		31,483		8,875		56,170		25,191		1,876,914
Males															
0-4	67,472	6.0%	73,210	12.6%	7,039	9.2%	3,140	10.9%	648	6.9%	4,567	8.8%	4,662	18.2%	160,738
5-9	66,000	5.9%	61,769	10.6%	6,743	8.8%	2,633	9.2%	982	10.4%	3,680	7.1%	4,130	16.1%	145,937
10-14	68,042	6.0%	54,942	9.4%	6,761	8.8%	2,644	9.2%	1,123	11.9%	3,416	6.6%	3,340	13.0%	140,268
15-19	68,713	6.1%	45,938	7.9%	6,712	8.7%	2,758	9.6%	971	10.3%	2,972	5.8%	2,544	9.9%	130,608
20-24	68,875	6.1%	48,664	8.3%	6,233	8.1%	2,521	8.8%	791	8.4%	3,373	6.5%	2,127	8.3%	132,584
25-29	75,969	6.7%	66,908	11.5%	6,206	8.1%	3,035	10.6%	957	10.2%	4,672	9.1%	1,749	6.8%	159,496
30-34	73,471	6.5%	59,333	10.2%	5,894	7.7%	2,522	8.8%	827	8.8%	6,042	11.7%	1,319	5.1%	149,408
35-39	82,886	7.4%	47,785	8.2%	5,960	7.7%	2,291	8.0%	743	7.9%	5,313	10.3%	1,218	4.7%	146,196
40-44	88,422	7.8%	37,742	6.5%	6,122	8.0%	2,056	7.2%	752	8.0%	4,203	8.1%	1,056	4.1%	140,353
45-49	89,592	8.0%	28,068	4.8%	5,474	7.1%	1,532	5.3%	532	5.7%	3,553	6.9%	953	3.7%	129,704
50-54	80,140	7.1%	19,478	3.3%	4,272	5.6%	1,094	3.8%	407	4.3%	2,792	5.4%	752	2.9%	108,935
55-59	77,237	6.9%	14,361	2.5%	3,176	4.1%	972	3.4%	247	2.6%	2,194	4.3%	576	2.2%	98,763
60-64	60,886	5.4%	9,347	1.6%	2,173	2.8%	534	1.9%	175	1.9%	1,529	3.0%	421	1.6%	75,065
65-69	46,442	4.1%	6,011	1.0%	1,575	2.0%	384	1.3%	108	1.1%	1,281	2.5%	311	1.2%	56,112
70-74	37,014	3.3%	3,893	0.7%	1,112	1.4%	220	0.8%	77	0.8%	865	1.7%	217	0.8%	43,398
75+	75,400	6.7%	5,373	0.9%	1,463	1.9%	366	1.3%	65	0.7%	1,156	2.2%	296	1.2%	84,119
Total	1,126,561		582,822		76,915		28,702		9,405		51,608		25,671		1,901,684

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2006.

Maricopa County Population Statistics

Table 1.03 Population Estimates for Age by Sex, Race/Ethnicity by Sex, and Age by Race/Ethnicity, 2005

Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	155,124	8.5%	148,913	8.2%	304,037	8.3%
5-9	139,243	7.6%	132,792	7.3%	272,035	7.5%
10-14	136,319	7.4%	129,692	7.2%	266,011	7.3%
15-19	125,702	6.9%	116,566	6.4%	242,268	6.6%
20-24	133,498	7.3%	116,178	6.4%	249,676	6.8%
25-34	299,031	16.3%	270,484	14.9%	569,515	15.6%
35-44	276,361	15.1%	261,093	14.4%	537,454	14.7%
45-54	227,936	12.4%	233,151	12.9%	461,087	12.6%
55-64	163,310	8.9%	177,651	9.8%	340,961	9.4%
65-74	95,648	5.2%	108,624	6.0%	204,272	5.6%
75-84	61,873	3.4%	83,166	4.6%	145,039	4.0%
85+	19,438	1.1%	34,776	1.9%	54,214	1.5%
Total	1,833,483		1,813,086		3,646,569	

Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,106,824	60.4%	1,141,656	63.0%
Hispanic	546,684	29.8%	488,356	26.9%
African American	71,953	3.9%	69,102	3.8%
Amer. Ind., Non-Hisp.	27,598	1.5%	30,222	1.7%
Amer. Ind., Hisp.	9,125	0.5%	8,599	0.5%
Asian	47,277	2.6%	51,609	2.8%
Other/2+ Races	24,022	1.3%	23,542	1.3%
Total	1,833,483		1,813,086	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian Non-Hispanic		American Indian Hispanic		Asian		Other/2+ Races		Total No.
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
0-4	131,677	5.9%	135,349	13.1%	13,096	9.3%	6,168	10.7%	1,383	7.8%	8,239	8.3%	8,125	17.1%	304,037
5-9	126,513	5.6%	112,093	10.8%	12,201	8.6%	4,989	8.6%	2,166	12.2%	6,598	6.7%	7,475	15.7%	272,035
10-14	132,779	5.9%	100,795	9.7%	12,887	9.1%	5,242	9.1%	2,107	11.9%	6,216	6.3%	5,985	12.6%	266,011
15-19	131,494	5.8%	81,890	7.9%	11,850	8.4%	5,215	9.0%	1,892	10.7%	5,339	5.4%	4,588	9.6%	242,268
20-24	133,199	5.9%	88,939	8.6%	10,839	7.7%	5,350	9.3%	1,557	8.8%	5,921	6.0%	3,871	8.1%	249,676
25-34	293,757	13.1%	212,654	20.5%	21,753	15.4%	11,371	19.7%	3,107	17.5%	20,769	21.0%	6,104	12.8%	569,515
35-44	336,927	15.0%	144,673	14.0%	22,148	15.7%	8,590	14.9%	2,619	14.8%	18,073	18.3%	4,424	9.3%	537,454
45-54	336,325	15.0%	83,755	8.1%	17,666	12.5%	5,592	9.7%	1,635	9.2%	12,861	13.0%	3,253	6.8%	461,087
55-64	274,248	12.2%	43,031	4.2%	9,875	7.0%	3,079	5.3%	755	4.3%	7,935	8.0%	2,038	4.3%	340,961
65-74	172,197	7.7%	19,650	1.9%	5,271	3.7%	1,369	2.4%	356	2.0%	4,396	4.4%	1,033	2.2%	204,272
75-84	129,875	5.8%	9,310	0.9%	2,594	1.8%	642	1.1%	132	0.7%	1,975	2.0%	511	1.1%	145,039
85+	49,489	2.2%	2,901	0.3%	875	0.6%	213	0.4%	15	0.1%	564	0.6%	157	0.3%	54,214
Total	2,248,480		1,035,040		141,055		57,820		17,724		98,886		47,564		3,646,569

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2005.

Maricopa County Population Statistics

Table 1.04 Population by Sex, Age, and Race/Ethnicity, 2005

Females Age	White		Hispanic		African American		American Indian		Asian		Other/2+ Races		Total		
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%		No.	%
							No.	%	No.	%					
0-4	64,586	5.7%	66,131	13.5%	6,592	9.5%	3,105	10.3%	713	8.3%	4,052	7.9%	3,734	15.9%	148,913
5-9	61,748	5.4%	54,620	11.2%	6,010	8.7%	2,468	8.2%	1,077	12.5%	3,370	6.5%	3,499	14.9%	132,792
10-14	64,504	5.7%	49,199	10.1%	6,306	9.1%	2,605	8.6%	1,041	12.1%	3,045	5.9%	2,992	12.7%	129,692
15-19	63,695	5.6%	38,992	8.0%	5,565	8.1%	2,615	8.7%	972	11.3%	2,540	4.9%	2,187	9.3%	116,566
20-24	63,553	5.6%	39,227	8.0%	5,114	7.4%	2,811	9.3%	772	9.0%	2,806	5.4%	1,895	8.0%	116,178
25-29	71,416	6.3%	48,887	10.0%	4,976	7.2%	3,276	10.8%	738	8.6%	4,697	9.1%	1,769	7.5%	135,759
30-34	73,460	6.4%	45,311	9.3%	5,311	7.7%	2,715	9.0%	687	8.0%	5,837	11.3%	1,404	6.0%	134,725
35-39	77,629	6.8%	36,318	7.4%	5,318	7.7%	2,204	7.3%	624	7.3%	5,036	9.8%	1,154	4.9%	128,283
40-44	89,258	7.8%	29,777	6.1%	5,305	7.7%	2,276	7.5%	567	6.6%	4,504	8.7%	1,123	4.8%	132,810
45-49	89,053	7.8%	23,242	4.8%	4,767	6.9%	1,723	5.7%	461	5.4%	3,825	7.4%	938	4.0%	124,009
50-54	82,343	7.2%	17,126	3.5%	3,883	5.6%	1,401	4.6%	305	3.5%	3,320	6.4%	764	3.2%	109,142
55-59	79,480	7.0%	12,810	2.6%	2,809	4.1%	1,042	3.4%	201	2.3%	2,712	5.3%	618	2.6%	99,672
60-64	63,757	5.6%	8,807	1.8%	2,210	3.2%	662	2.2%	160	1.9%	1,869	3.6%	514	2.2%	77,979
65-69	49,021	4.3%	6,060	1.2%	1,623	2.3%	499	1.7%	110	1.3%	1,422	2.8%	335	1.4%	59,070
70-74	42,192	3.7%	4,533	0.9%	1,189	1.7%	307	1.0%	80	0.9%	1,042	2.0%	211	0.9%	49,554
75+	105,961	9.3%	7,316	1.5%	2,124	3.1%	513	1.7%	91	1.1%	1,532	3.0%	405	1.7%	117,942
Total	1,141,656		488,356		69,102		30,222		8,599		51,609		23,542		1,813,086
Males															
0-4	67,091	6.1%	69,218	12.7%	6,504	9.0%	3,063	11.1%	670	7.3%	4,187	8.9%	4,391	18.3%	155,124
5-9	64,765	5.9%	57,473	10.5%	6,191	8.6%	2,521	9.1%	1,089	11.9%	3,228	6.8%	3,976	16.6%	139,243
10-14	68,275	6.2%	51,596	9.4%	6,581	9.1%	2,637	9.6%	1,066	11.7%	3,171	6.7%	2,993	12.5%	136,319
15-19	67,799	6.1%	42,898	7.8%	6,285	8.7%	2,600	9.4%	920	10.1%	2,799	5.9%	2,401	10.0%	125,702
20-24	69,646	6.3%	49,712	9.1%	5,725	8.0%	2,539	9.2%	785	8.6%	3,115	6.6%	1,976	8.2%	133,498
25-29	72,767	6.6%	63,496	11.6%	5,973	8.3%	2,883	10.4%	947	10.4%	4,724	10.0%	1,638	6.8%	152,428
30-34	76,114	6.9%	54,960	10.1%	5,493	7.6%	2,497	9.0%	735	8.1%	5,511	11.7%	1,293	5.4%	146,603
35-39	80,611	7.3%	43,858	8.0%	5,670	7.9%	2,144	7.8%	747	8.2%	4,657	9.9%	1,114	4.6%	138,801
40-44	89,429	8.1%	34,720	6.4%	5,855	8.1%	1,966	7.1%	681	7.5%	3,876	8.2%	1,033	4.3%	137,560
45-49	87,474	7.9%	25,538	4.7%	5,123	7.1%	1,407	5.1%	509	5.6%	3,193	6.8%	868	3.6%	124,112
50-54	77,455	7.0%	17,849	3.3%	3,893	5.4%	1,061	3.8%	360	3.9%	2,523	5.3%	683	2.8%	103,824
55-59	73,019	6.6%	12,957	2.4%	2,871	4.0%	912	3.3%	234	2.6%	1,973	4.2%	531	2.2%	92,497
60-64	57,992	5.2%	8,457	1.5%	1,985	2.8%	463	1.7%	160	1.8%	1,381	2.9%	375	1.6%	70,813
65-69	44,128	4.0%	5,432	1.0%	1,456	2.0%	363	1.3%	90	1.0%	1,162	2.5%	289	1.2%	52,920
70-74	36,856	3.3%	3,625	0.7%	1,003	1.4%	200	0.7%	76	0.8%	770	1.6%	198	0.8%	42,728
75+	73,403	6.6%	4,895	0.9%	1,345	1.9%	342	1.2%	56	0.6%	1,007	2.1%	263	1.1%	81,311
Total	1,106,824		546,684		71,953		27,598		9,125		47,277		24,022		1,833,483

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2005.

Maricopa County Population Statistics

Table 1.05 Population Estimates for Age by Sex, Race/Ethnicity by Sex, and Age by Race/Ethnicity, 2004

Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	147,703	8.4%	140,678	8.1%	288,381	8.2%
5-9	134,375	7.6%	128,244	7.4%	262,619	7.5%
10-14	131,980	7.5%	125,645	7.2%	257,625	7.4%
15-19	120,455	6.8%	111,361	6.4%	231,816	6.6%
20-24	132,872	7.5%	116,402	6.7%	249,274	7.1%
25-34	288,857	16.4%	260,869	15.0%	549,726	15.7%
35-44	266,481	15.1%	252,498	14.5%	518,979	14.8%
45-54	215,440	12.2%	222,192	12.7%	437,632	12.5%
55-64	151,822	8.6%	165,450	9.5%	317,272	9.1%
65-74	92,653	5.3%	105,720	6.1%	198,373	5.7%
75-84	60,185	3.4%	81,585	4.7%	141,770	4.0%
85+	17,758	1.0%	32,918	1.9%	50,676	1.4%
Total	1,760,581		1,743,562		3,504,143	

Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,080,437	61.4%	1,115,251	64.0%
Hispanic	511,600	29.1%	457,063	26.2%
African American	67,609	3.8%	64,677	3.7%
Amer. Ind., Non-Hisp.	26,219	1.5%	28,719	1.6%
Amer. Ind., Hisp.	8,823	0.5%	8,304	0.5%
Asian	43,602	2.5%	47,598	2.7%
Other/2+ Races	22,291	1.3%	21,950	1.3%
Total	1,760,581		1,743,562	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	127,998	5.8%	126,415	13.1%	12,093	9.1%	5,481	10.0%	1,516	8.9%	7,269	8.0%	7,609	17.2%	287,707
5-9	125,262	5.7%	105,709	10.9%	11,448	8.7%	4,864	8.9%	2,161	12.6%	6,202	6.8%	6,973	15.8%	261,813
10-14	132,327	6.0%	94,381	9.7%	12,342	9.3%	5,167	9.4%	2,091	12.2%	5,740	6.3%	5,577	12.6%	257,587
15-19	128,754	5.9%	76,080	7.9%	11,128	8.4%	4,888	8.9%	1,766	10.3%	5,007	5.5%	4,193	9.5%	231,686
20-24	132,431	6.0%	90,124	9.3%	10,434	7.9%	5,378	9.8%	1,533	9.0%	5,720	6.3%	3,654	8.3%	249,507
25-34	290,973	13.3%	198,555	20.5%	20,623	15.6%	10,896	19.8%	2,959	17.3%	19,971	21.9%	5,749	13.0%	552,400
35-44	333,548	15.2%	133,302	13.8%	21,077	15.9%	8,252	15.0%	2,504	14.6%	16,222	17.8%	4,074	9.2%	518,709
45-54	323,757	14.7%	76,153	7.9%	16,181	12.2%	5,226	9.5%	1,444	8.4%	11,855	13.0%	3,016	6.8%	433,473
55-64	257,517	11.7%	38,607	4.0%	8,878	6.7%	2,756	5.0%	691	4.0%	7,006	7.7%	1,817	4.1%	314,219
65-74	168,746	7.7%	18,182	1.9%	4,897	3.7%	1,253	2.3%	335	2.0%	4,006	4.4%	954	2.2%	198,626
75-84	127,919	5.8%	8,584	0.9%	2,382	1.8%	574	1.0%	113	0.7%	1,716	1.9%	482	1.1%	141,988
85+	46,456	2.1%	2,571	0.3%	803	0.6%	203	0.4%	14	0.1%	486	0.5%	143	0.3%	50,632
Total	2,195,688		968,663		132,286		54,938		17,127		91,200		44,241		3,498,347

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2004.

Maricopa County Population Statistics

Table 1.06 Population by Sex, Age, and Race/Ethnicity, 2004

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	62,631	5.6%	61,461	13.4%	5,974	9.2%	2,762	9.6%	765	9.2%	3,624	7.6%	3,461	15.8%	140,678
5-9	60,960	5.5%	51,634	11.3%	5,702	8.8%	2,387	8.3%	1,070	12.9%	3,159	6.6%	3,332	15.2%	128,244
10-14	64,306	5.8%	46,127	10.1%	6,023	9.3%	2,579	9.0%	1,052	12.7%	2,797	5.9%	2,761	12.6%	125,645
15-19	62,342	5.6%	36,090	7.9%	5,172	8.0%	2,444	8.5%	909	10.9%	2,407	5.1%	1,997	9.1%	111,361
20-24	63,939	5.7%	39,492	8.6%	5,003	7.7%	2,774	9.7%	759	9.1%	2,611	5.5%	1,824	8.3%	116,402
25-29	67,839	6.1%	46,299	10.1%	4,591	7.1%	3,130	10.9%	687	8.3%	4,723	9.9%	1,658	7.6%	128,927
30-34	74,783	6.7%	41,956	9.2%	5,105	7.9%	2,697	9.4%	657	7.9%	5,437	11.4%	1,307	6.0%	131,942
35-39	76,496	6.9%	33,435	7.3%	4,982	7.7%	2,093	7.3%	594	7.2%	4,486	9.4%	1,089	5.0%	123,175
40-44	88,763	8.0%	27,635	6.0%	5,086	7.9%	2,231	7.8%	554	6.7%	4,057	8.5%	997	4.5%	129,323
45-49	86,211	7.7%	21,104	4.6%	4,377	6.8%	4,377	6.8%	378	4.6%	3,554	7.5%	914	4.2%	118,117
50-54	79,441	7.1%	15,695	3.4%	3,569	5.5%	1,297	4.5%	296	3.6%	3,087	6.5%	690	3.1%	104,075
55-59	74,276	6.7%	11,605	2.5%	2,532	3.9%	933	3.2%	177	2.1%	2,387	5.0%	572	2.6%	92,482
60-64	60,207	5.4%	7,924	1.7%	1,976	3.1%	605	2.1%	151	1.8%	1,652	3.5%	453	2.1%	72,968
65-69	47,058	4.2%	5,714	1.3%	1,475	2.3%	465	1.6%	101	1.2%	1,319	2.8%	313	1.4%	56,445
70-74	42,431	3.8%	4,195	0.9%	1,142	1.8%	268	0.9%	78	0.9%	961	2.0%	200	0.9%	49,275
75+	103,568	9.3%	6,697	1.5%	1,968	3.0%	475	1.7%	76	0.9%	1,337	2.8%	382	0.8%	114,503
Total	1,115,251		457,063		64,677		28,719		8,304		47,598		21,950		1,743,562
Males															
0-4	65,367	6.1%	64,954	12.7%	6,119	9.1%	2,719	10.4%	751	8.5%	3,645	8.4%	4,148	18.6%	147,703
5-9	64,302	6.0%	54,075	10.6%	5,746	8.5%	2,477	9.4%	1,091	12.4%	3,043	7.0%	3,641	16.3%	134,375
10-14	68,021	6.3%	48,254	9.4%	6,319	9.3%	2,588	9.9%	1,039	11.8%	2,943	6.7%	2,816	12.6%	131,980
15-19	66,412	6.1%	39,990	7.8%	5,956	8.8%	2,444	9.3%	857	9.7%	2,600	6.0%	2,196	9.9%	120,455
20-24	68,492	6.3%	50,632	9.9%	5,431	8.0%	2,604	9.9%	774	8.8%	3,109	7.1%	1,830	8.2%	132,872
25-29	70,361	6.5%	59,825	11.7%	5,331	7.9%	2,691	10.3%	934	10.6%	4,446	10.2%	1,496	6.7%	145,084
30-34	77,990	7.2%	50,475	9.9%	5,596	8.3%	2,378	9.1%	681	7.7%	5,365	12.3%	1,288	5.8%	143,773
35-39	79,224	7.3%	40,565	7.9%	5,329	7.9%	2,113	8.1%	745	8.4%	4,111	9.4%	988	4.4%	133,075
40-44	89,065	8.2%	31,667	6.2%	5,680	8.4%	1,815	6.9%	611	6.9%	3,568	8.2%	1,000	4.5%	133,406
45-49	83,912	7.8%	23,062	4.5%	4,648	6.9%	1,333	5.1%	469	5.3%	2,901	6.7%	794	3.6%	117,119
50-54	74,193	6.9%	16,292	3.2%	3,587	5.3%	1,017	3.9%	301	3.4%	2,313	5.3%	618	2.8%	98,321
55-59	68,511	6.3%	11,514	2.3%	2,584	3.8%	773	2.9%	230	2.6%	1,716	3.9%	447	2.0%	85,775
60-64	54,523	5.0%	7,564	1.5%	1,786	2.6%	445	1.7%	133	1.5%	1,251	2.9%	345	1.5%	66,047
65-69	42,511	3.9%	4,910	1.0%	1,362	2.0%	325	1.2%	86	1.0%	1,024	2.3%	267	1.2%	50,485
70-74	36,746	3.4%	3,363	0.7%	918	1.4%	195	0.7%	70	0.8%	702	1.6%	174	0.8%	42,168
75+	70,807	6.6%	4,458	0.9%	1,217	1.8%	302	1.2%	51	0.6%	865	2.0%	243	0.5%	77,943
Total	1,080,437		511,600		67,609		26,219		8,823		43,602		22,291		1,760,581

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2004.

Maricopa County Population Statistics

Table 1.07 Population Estimates for Age by Sex, Race/Ethnicity by Sex, and Age by Race/Ethnicity, 2003

Age by Sex

Age	Males		Females		Total	
	No.	%	No.	%	No.	%
0-4	141,253	8.3%	135,221	8.0%	276,474	8.1%
5-9	130,888	7.7%	124,851	7.4%	255,739	7.5%
10-14	128,297	7.5%	121,846	7.2%	250,143	7.4%
15-19	116,603	6.8%	107,693	6.4%	224,296	6.6%
20-24	132,112	7.8%	116,900	6.9%	249,012	7.3%
25-34	279,453	16.4%	252,976	15.0%	532,429	15.7%
35-44	259,488	15.2%	247,113	14.6%	506,601	14.9%
45-54	206,414	12.1%	214,024	12.7%	420,438	12.4%
55-64	141,991	8.3%	154,213	9.1%	296,204	8.7%
65-74	90,215	5.3%	103,608	6.1%	193,823	5.7%
75-84	58,843	3.5%	80,357	4.8%	139,200	4.1%
85+	16,693	1.0%	31,464	1.9%	48,157	1.4%
Total	1,702,250		1,690,266		3,392,516	

Race/Ethnicity by Sex

Race/Ethnicity	Males		Females	
	No.	%	No.	%
White	1,059,073	62.2%	1,095,044	64.8%
Hispanic	483,146	28.4%	432,307	25.6%
African American	64,223	3.8%	61,537	3.6%
Amer. Ind., Non-Hisp.	25,355	1.5%	27,835	1.6%
Amer. Ind., Hisp.	8,562	0.5%	8,055	0.5%
Asian	41,014	2.4%	44,799	2.7%
Other/2+ Races	20,877	1.2%	20,689	1.2%
Total	1,702,250		1,690,266	

Age by Race/Ethnicity

Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.
0-4	125,547	5.8%	118,681	13.0%	11,370	9.0%	5,244	9.9%	1,615	9.7%	6,694	7.8%	7,323	17.6%	276,474
5-9	124,379	5.8%	100,811	11.0%	11,139	8.9%	4,777	9.0%	2,098	12.6%	5,935	6.9%	6,600	15.9%	255,739
10-14	132,065	6.1%	88,655	9.7%	11,768	9.4%	5,092	9.6%	2,057	12.4%	5,368	6.3%	5,138	12.4%	250,143
15-19	125,888	5.8%	72,623	7.9%	10,612	8.4%	4,691	8.8%	1,692	10.2%	4,822	5.6%	3,968	9.5%	224,296
20-24	131,903	6.1%	91,168	10.0%	9,744	7.7%	5,508	10.4%	1,599	9.6%	5,637	6.6%	3,453	8.3%	249,012
25-34	288,340	13.4%	186,534	20.4%	19,741	15.7%	10,607	19.9%	2,753	16.6%	19,203	22.4%	5,251	12.6%	532,429
35-44	332,472	15.4%	124,313	13.6%	20,478	16.3%	7,968	15.0%	2,416	14.5%	15,015	17.5%	3,939	9.5%	506,601
45-54	314,838	14.6%	70,292	7.7%	15,137	12.0%	4,915	9.2%	1,330	8.0%	11,148	13.0%	2,778	6.7%	420,438
55-64	241,821	11.2%	35,015	3.8%	8,171	6.5%	2,561	4.8%	619	3.7%	6,326	7.4%	1,691	4.1%	296,204
65-74	166,254	7.7%	17,022	1.9%	4,586	3.6%	1,110	2.1%	319	1.9%	3,691	4.3%	841	2.0%	193,823
75-84	126,307	5.9%	8,000	0.9%	2,258	1.8%	548	1.0%	105	0.6%	1,545	1.8%	437	1.1%	139,200
85+	44,303	2.1%	2,339	0.3%	756	0.6%	169	0.3%	14	0.1%	429	0.5%	147	0.4%	48,157
Total	2,154,117		915,453		125,760		53,190		16,617		85,813		41,566		3,392,516

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2003.

Maricopa County Population Statistics

Table 1.08 Population by Sex, Age, and Race/Ethnicity, 2003

Females Age	White		Hispanic		African American		American Indian				Asian		Other/2+ Races		Total No.
	No.	%	No.	%	No.	%	Non-Hispanic		Hispanic		No.	%	No.	%	
							No.	%	No.	%					
0-4	61,366	5.6%	58,093	13.4%	5,625	9.1%	2,628	9.4%	823	10.2%	3,349	7.5%	3,337	16.1%	135,221
5-9	60,550	5.5%	49,144	11.4%	5,575	9.1%	2,357	8.5%	1,028	12.8%	2,981	6.7%	3,216	15.5%	124,851
10-14	64,165	5.9%	43,184	10.0%	5,718	9.3%	2,545	9.1%	1,054	13.1%	2,622	5.9%	2,558	12.4%	121,846
15-19	61,069	5.6%	34,258	7.9%	4,954	8.1%	2,359	8.5%	856	10.6%	2,310	5.2%	1,887	9.1%	107,693
20-24	64,304	5.9%	39,769	9.2%	4,782	7.8%	2,904	10.4%	798	9.9%	2,622	5.9%	1,721	8.3%	116,900
25-29	65,751	6.0%	44,169	10.2%	4,303	7.0%	2,964	10.6%	613	7.6%	4,572	10.2%	1,485	7.2%	123,857
30-34	75,379	6.9%	39,134	9.1%	4,927	8.0%	2,651	9.5%	616	7.6%	5,167	11.5%	1,245	6.0%	129,119
35-39	77,244	7.1%	31,662	7.3%	4,866	7.9%	2,084	7.5%	592	7.3%	4,193	9.4%	1,027	5.0%	121,668
40-44	87,660	8.0%	25,588	5.9%	4,885	7.9%	2,083	7.5%	510	6.3%	3,758	8.4%	961	4.6%	125,445
45-49	83,908	7.7%	19,437	4.5%	4,097	6.7%	1,543	5.5%	359	4.5%	3,369	7.5%	893	4.3%	113,606
50-54	77,447	7.1%	14,604	3.4%	3,343	5.4%	1,198	4.3%	267	3.3%	2,945	6.6%	614	3.0%	100,418
55-59	69,659	6.4%	10,516	2.4%	2,261	3.7%	835	3.0%	168	2.1%	2,100	4.7%	504	2.4%	86,043
60-64	56,373	5.1%	7,284	1.7%	1,865	3.0%	587	2.1%	135	1.7%	1,496	3.3%	430	2.1%	68,170
65-69	45,734	4.2%	5,321	1.2%	1,412	2.3%	421	1.5%	99	1.2%	1,236	2.8%	272	1.3%	54,495
70-74	42,735	3.9%	3,938	0.9%	1,059	1.7%	234	0.8%	70	0.9%	892	2.0%	185	0.9%	49,113
75+	101,700	9.3%	6,206	1.4%	1,865	3.0%	442	1.6%	67	0.8%	1,187	2.6%	354	1.7%	111,821
Total	1,095,044		432,307		61,537		27,835		8,055		44,799		20,689		1,690,266
Males															
0-4	64,181	6.1%	60,588	12.5%	5,745	8.9%	2,616	10.3%	792	9.3%	3,345	8.2%	3,986	19.1%	141,253
5-9	63,829	6.0%	51,667	10.7%	5,564	8.7%	2,420	9.5%	1,070	12.5%	2,954	7.2%	3,384	16.2%	130,888
10-14	67,900	6.4%	45,471	9.4%	6,050	9.4%	2,547	10.0%	1,003	11.7%	2,746	6.7%	2,580	12.4%	128,297
15-19	64,819	6.1%	38,365	7.9%	5,658	8.8%	2,332	9.2%	836	9.8%	2,512	6.1%	2,081	10.0%	116,603
20-24	67,599	6.4%	51,399	10.6%	4,962	7.7%	2,604	10.3%	801	9.4%	3,015	7.4%	1,732	8.3%	132,112
25-29	67,829	6.4%	56,127	11.6%	5,124	8.0%	2,630	10.4%	857	10.0%	4,436	10.8%	1,293	6.2%	138,296
30-34	79,381	7.5%	47,104	9.7%	5,387	8.4%	2,362	9.3%	667	7.8%	5,028	12.3%	1,228	5.9%	141,157
35-39	79,893	7.5%	37,921	7.8%	5,271	8.2%	2,065	8.1%	750	8.8%	3,813	9.3%	975	4.7%	130,688
40-44	87,675	8.3%	29,142	6.0%	5,456	8.5%	1,736	6.8%	564	6.6%	3,251	7.9%	976	4.7%	128,800
45-49	81,448	7.7%	21,200	4.4%	4,331	6.7%	1,194	4.7%	417	4.9%	2,739	6.7%	697	3.3%	112,026
50-54	72,035	6.8%	15,051	3.1%	3,366	5.2%	980	3.9%	287	3.4%	2,095	5.1%	574	2.7%	94,388
55-59	64,757	6.1%	10,363	2.1%	2,370	3.7%	716	2.8%	203	2.4%	1,571	3.8%	419	2.0%	80,399
60-64	51,032	4.8%	6,852	1.4%	1,675	2.6%	423	1.7%	113	1.3%	1,159	2.8%	338	1.6%	61,592
65-69	40,727	3.8%	4,560	0.9%	1,271	2.0%	281	1.1%	93	1.1%	953	2.3%	228	1.1%	48,113
70-74	37,058	3.5%	3,203	0.7%	844	1.3%	174	0.7%	57	0.7%	610	1.5%	156	0.7%	42,102
75+	68,910	6.5%	4,133	0.9%	1,149	1.8%	275	1.1%	52	0.6%	787	1.9%	230	1.1%	75,536
Total	1,059,073		483,146		64,223		25,355		8,562		41,014		20,877		1,702,250

Source: United States Census, Population Estimates Division. Data on this page were used for calculating all rates (denominators) in this report for 2003.

Maricopa County Population Statistics

Table 1.11 Maricopa County, Phoenix, and Arizona Population 1980-2007				
Year	City of Phoenix	Maricopa County	State of Arizona	Source
1980	789,704	1,509,175	2,726,100	1980 U.S. Census
1984	NA	1,726,398	3,032,400	DES Estimate
1985	NA	1,837,912	3,162,900	1985 Special Census
1986	NA	1,909,998	3,291,600	DES Estimate
1987	NA	1,976,600	3,459,900	DES Estimate
1988	940,662	2,032,000	3,538,400	DES Estimate
1989	968,258	2,089,900	3,617,300	DES Estimate
1990	983,403	2,122,101	3,680,800	1990 U.S. Census
1991	1,005,600	2,181,950	3,767,000	DES Estimate
1992	1,020,285	2,233,700	3,858,850	DES Estimate
1993	1,035,560	2,285,200	3,958,875	DES Estimate
1994	1,059,585	2,338,263	4,071,650	DES Estimate
1995	1,098,684	2,551,765	4,228,900	1995 Special Census
1996	1,149,717	2,634,625	4,462,300	DES Estimate
1997	1,205,285	2,720,576	4,600,275	DES Estimate
1998	1,238,120	2,803,320	4,764,025	DES Estimate
1999	1,263,895	2,879,492	4,924,350	DES Estimate
2000	1,321,045	3,072,149	5,130,632	2000 U.S. Census
2001	1,349,471	3,200,844	5,301,097	U.S. Census Estimate
2002	1,374,236	3,300,425	5,444,881	U.S. Census Estimate
2003	1,394,587	3,392,516	5,579,307	U.S. Census Estimate
2004	1,425,372	3,504,143	5,744,367	U.S. Census Estimate
2005	1,473,223	3,646,569	5,952,083	U.S. Census Estimate
2006	1,517,318	3,778,598	6,165,689	U.S. Census Estimate
2007	1,552,259	3,880,181	6,338,755	U.S. Census Estimate

II. Maricopa County Five-Year Health Trends

Maricopa County Five-Year Health Trends

**Table 2.01a Selected Underlying Causes of Death 2003-2007,
Number of Deaths**

Cause		2003	2004	2005	2006	2007	
Infectious Diseases	Tuberculosis	5	7	6	10	5	
	Syphilis	0	0	0	0	0	
	HIV	119	108	93	89	71	
Cancer	Stomach	87	113	110	92	99	
	Colon	570	500	514	480	506	
	Pancreas	267	298	319	295	345	
	Lung	1,448	1,371	1,352	1,432	1,370	
	Breast	364	379	356	427	395	
	Uterine & Ovarian	225	257	247	220	251	
	Prostate	283	276	293	270	288	
	Urinary	244	275	276	278	265	
	Lymphoma	216	195	220	212	201	
	Leukemia	220	201	207	230	234	
	Other Cancer	1,236	1,303	1,283	1,302	1,369	
	All Cancer	5,160	5,168	5,177	5,238	5,323	
Diabetes and Alzheimer's	Diabetes	611	604	597	624	583	
	Alzheimer's	1,103	1,113	1,246	1,445	1,454	
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	297	318	345	368	432
		Ischemic Heart Disease	4,801	4,655	4,849	4,523	4,138
		Other Heart Disease	868	802	817	828	947
		All Heart Disease	5,966	5,775	6,011	5,719	5,517
	Other Cardiovascular	Primary Hypertension	224	265	264	283	229
		Cerebrovascular	1,313	1,350	1,270	1,217	1,114
		Atherosclerosis	116	128	171	76	60
		Other Circulatory	193	220	200	175	208
		All Other Cardiovascular	1,846	1,963	1,905	1,751	1,611
		Other Respiratory Diseases	Influenza & Pneumonia	628	582	715	623
	Chronic Lower Respiratory	1,357	1,318	1,506	1,484	1,407	
GI & Urinary	Peptic Ulcer	29	36	43	43	33	
	Liver Disease	323	320	377	357	356	
	Nephritis	263	257	212	217	214	
Pregnancy & Early Life	Pregnancy	2	2	6	5	6	
	Perinatal Conditions	172	196	181	206	197	
	Congenital Malformations	124	144	123	153	141	
	SIDS	14	8	14	21	22	
Other Diseases	Symptoms, Signs	315	412	511	584	572	
	Other Diseases	3,175	3,218	3,574	3,864	3,770	
External Causes	Motor Vehicle Collisions	493	537	587	643	505	
	All Other Accidents	806	907	1,098	1,162	1,190	
	Suicide	447	458	486	498	551	
	Homicide	319	307	331	355	329	
	Other External Causes	70	56	92	84	80	
	All External Causes	2,135	2,265	2,594	2,742	2,655	
Unknown		202	36	6	1	16	
Total		23,549	23,532	24,897	25,176	24,409	

Maricopa County Five-Year Health Trends

**Table 2.01b Selected Underlying Causes of Death, 2003-2007
Crude Death Rate per 100,000 Residents**

Cause		2003	2004	2005	2006	2007	
Infectious Diseases	Tuberculosis	0.1	0.2	0.2	0.3	0.1	
	Syphilis	0	0	0	0	0	
	HIV	3.5	3.1	2.6	2.4	1.8	
Cancer	Stomach	2.6	3.2	3.0	2.4	2.6	
	Colon	16.8	14.3	14.1	12.7	13.0	
	Pancreas	7.9	8.5	8.7	7.8	8.9	
	Lung	42.7	39.1	37.1	37.9	35.3	
	Breast	10.7	10.8	9.8	11.3	10.2	
	Uterine & Ovarian ¹	13.3	14.7	13.6	11.7	13.0	
	Prostate ¹	16.6	15.7	16.0	14.2	14.7	
	Urinary	7.2	7.8	7.6	7.4	6.8	
	Lymphoma	6.4	5.6	6.0	5.6	5.2	
	Leukemia	6.5	5.7	5.7	6.1	6.0	
	Other Cancer	36.4	37.2	35.2	34.5	35.3	
	All Cancer	152.1	147.5	142.0	138.6	137.2	
	Diabetes and Alzheimer's	Diabetes	18.0	17.2	16.4	16.5	15.0
		Alzheimer's	32.5	31.8	34.2	38.2	37.5
Major Cardiovascular Diseases	Heart Disease	Hypertensive Heart Disease	8.8	9.1	9.5	9.7	11.1
		Ischemic Heart Disease	141.5	132.8	133.0	119.7	106.6
		Other Heart Disease	25.6	22.9	22.4	21.9	24.4
		All Heart Disease	175.9	164.8	164.8	151.4	142.2
	Other Cardiovascular	Primary Hypertension	6.6	7.6	7.2	7.5	5.9
		Cerebrovascular	38.7	38.5	34.8	32.2	28.7
		Atherosclerosis	3.4	3.7	4.7	2.0	1.5
		Other Circulatory	5.7	6.3	5.5	4.6	5.4
		All Other Cardiovascular	54.4	56.0	52.2	46.3	41.5
		Total Cardiovascular	230.3	221.3	217.0	197.6	183.7
Other Respiratory Diseases	Influenza & Pneumonia	18.5	16.6	19.6	16.5	11.8	
	Chronic Lower Respiratory	40.0	37.6	41.3	39.3	36.3	
GI & Urinary	Peptic Ulcer	0.9	1.0	1.2	1.1	0.9	
	Liver Disease	9.5	9.1	10.3	9.4	9.2	
	Nephritis	7.8	7.3	5.8	5.7	5.5	
Pregnancy & Early Life	Pregnancy ¹	0.1	0.1	0.3	0.3	0.3	
	Perinatal Conditions	5.1	5.6	5.0	5.5	5.1	
	Congenital Malformations	3.7	4.1	3.4	4.0	3.6	
	SIDS ²	0.2	0.1	0.2	0.3	0.3	
Other Diseases	Symptoms, Signs	9.3	11.8	14.0	15.5	14.7	
	Other Diseases	93.6	91.8	98.0	102.3	97.2	
External Causes	Motor Vehicle Collisions	14.5	15.3	16.1	17.0	13.0	
	All Other Accidents	23.8	25.9	30.1	30.8	30.7	
	Suicide	13.2	13.1	13.3	13.2	14.2	
	Homicide	9.4	8.8	9.1	9.4	8.5	
	Other External Causes	2.1	1.6	2.5	2.2	2.1	
	All External Causes	62.9	64.6	71.1	72.6	68.4	
Unknown		6.0	1.0	0.2	0.0	0.4	
Total		694.1	671.5	682.8	666.3	629.1	

¹ Uterine & ovarian cancer and pregnancy rates are per 100,000 females; prostate cancer rates are per 100,000 males.

² Sudden Infant Death Syndrome (SIDS) rates are per 1,000 live births.

Maricopa County Five-Year Health Trends

**Table 2.02a Other Selected Underlying Causes of Death 2003-2007,
Number of Deaths**

Cause		2003	2004	2005	2006	2007
Infectious Diseases	Salmonella & Other Intestinal Infections	31	45	44	77	93
	Septicemia	235	219	258	307	308
	Viral Hepatitis	85	79	83	133	78
	Coccidioidomycosis	16	20	19	23	20
	Other Mycoses	18	15	18	24	17
Cancer	Brain	128	141	162	149	133
	Lip	55	67	72	63	66
	Skin (Melanoma)	90	90	94	99	101
	Ovarian	151	167	149	144	168
	Testicular	3	5	5	0	5
Other Diseases	Anemias	27	28	26	21	30
	Nutritional Deficiencies	18	13	14	9	10
	Obesity	34	39	46	52	49
	Mental & Behavioral Disorders Due to the Use of Alcohol	111	104	115	96	110
	Parkinson's Disease	239	222	290	269	253
	Multiple Sclerosis	25	35	37	53	43
	Epilepsy	15	19	14	13	13
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	1,286	1,130	1,168	1,015	958
	Congestive Heart Failure	148	135	149	187	186
Chronic Lower Respiratory	Emphysema	262	232	215	197	148
	Asthma	38	28	38	37	33
Liver Disease	Alcoholic Liver Disease	161	181	223	233	220
Musculoskeletal	Rheumatoid Arthritis	23	17	25	21	20
	Lupus	11	12	20	17	16
	Osteoporosis	11	10	7	6	7
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	57	61	46	64	61
	Congenital Malformations of the Circulatory System	42	37	38	41	46
	Chromosomal Abnormalities	25	29	21	30	24
External Causes	Falls ¹	289	323	434	441	497
	Drowning	55	66	55	56	53
	Unintentional Poisoning	235	299	327	384	418
	Exposure to Excessive Natural Heat ¹	18	20	46	40	20
	Legal Intervention	9	12	4	6	9
	Accidental Discharge of Firearms	11	5	6	7	6
	Discharge of Firearms, Undetermined Intent	12	5	15	7	11
	Complications of Medical & Surgical Care	31	23	22	35	25

¹ Refer to the Technical Notes for an explanation of the sharp changes in these causes of death over time.

Maricopa County Five-Year Health Trends

**Table 2.02b Other Selected Underlying Causes of Death 2003-2007,
Crude Death Rate per 100,000 Residents**

Cause		2003	2004	2005	2006	2007
Infectious Diseases	Salmonella & Other Intestinal Infections	0.9	1.3	1.2	2.0	2.4
	Septicemia	6.9	6.2	7.1	8.1	7.9
	Viral Hepatitis	2.5	2.3	2.3	3.5	2.0
	Coccidioidomycosis	0.5	0.6	0.5	0.6	0.5
	Other Mycoses	0.5	0.4	0.5	0.6	0.4
Cancer	Brain	3.8	4.0	4.4	3.9	3.4
	Lip	1.6	1.9	2.0	1.7	1.7
	Skin (Melanoma)	2.7	2.6	2.6	2.6	2.6
	Ovarian ¹	8.9	9.6	8.2	7.7	8.7
	Testicular ¹	0.2	0.3	0.3	0.0	0.3
Other Diseases	Anemias	0.8	0.8	0.7	0.6	0.8
	Nutritional Deficiencies	0.5	0.4	0.4	0.2	0.3
	Obesity	1.0	1.1	1.3	1.4	1.3
	Mental & Behavioral Disorders Due to the Use of Alcohol	3.3	3.0	3.2	2.5	2.8
	Parkinson's Disease	7.0	6.3	8.0	7.1	6.5
	Multiple Sclerosis	0.7	1.0	1.0	1.4	1.1
	Epilepsy	0.4	0.5	0.4	0.3	0.3
Cardiovascular	Acute Myocardial Infarction (Heart Attack)	37.9	32.2	32.0	26.9	24.7
	Congestive Heart Failure	4.4	3.9	4.1	4.9	4.8
Chronic Lower Respiratory	Emphysema	7.7	6.6	5.9	5.2	3.8
	Asthma	1.1	0.8	1.0	1.0	0.9
Liver Disease	Alcoholic Liver Disease	4.7	5.2	6.1	6.2	5.7
Musculoskeletal	Rheumatoid Arthritis	0.7	0.5	0.7	0.6	0.5
	Lupus	0.3	0.3	0.5	0.4	0.4
	Osteoporosis	0.3	0.3	0.2	0.2	0.2
Perinatal Conditions & Congenital Malformations	Disorders Related to Short Gestation & Low Birth Weight	1.7	1.7	1.3	1.7	1.6
	Congenital Malformations of the Circulatory System	1.2	1.1	1.0	1.1	1.2
	Chromosomal Abnormalities	0.7	0.8	0.6	0.8	0.6
External Causes	Falls ²	8.5	9.2	11.9	11.7	12.8
	Drowning	1.6	1.9	1.5	1.5	1.4
	Unintentional Poisoning	6.9	8.5	9.0	10.2	10.8
	Exposure to Excessive Natural Heat ²	0.5	0.6	1.3	1.1	0.5
	Legal Intervention	0.3	0.3	0.1	0.2	0.2
	Accidental Discharge of Firearms	0.3	0.1	0.2	0.2	0.2
	Discharge of Firearms, Undetermined Intent	0.4	0.1	0.4	0.2	0.3
	Complications of Medical & Surgical Care	0.9	0.7	0.6	0.9	0.6

¹ Ovarian cancer rates are per 100,000 females; testicular cancer rates are per 100,000 males.

² Refer to the Technical Notes for an explanation of the sharp changes in these rates over time.

Maricopa County Five-Year Health Trends

**Table 2.03a Firearm, Drug, and Alcohol Induced and Related Deaths 2003-2007
Number of Deaths**

Cause	Year				
	2003	2004	2005	2006	2007
Firearm Induced	513	506	546	583	550
Drug Induced, Including Tobacco	357	406	470	569	569
Drug Related, Including Tobacco	-	601	739	825	794
Drug Related, Excluding Tobacco	-	443	539	629	662
Alcohol Induced	285	289	353	338	354
Alcohol Related	-	469	530	550	557

**Table 2.03b Firearm, Drug, and Alcohol Induced and Related Deaths 2003-2007
Crude Death Rate per 100,000 Residents**

Cause	Year				
	2003	2004	2005	2006	2007
Firearm Induced	15.1	14.4	15.0	15.4	14.2
Drug Induced, Including Tobacco	10.5	11.6	12.9	15.1	14.7
Drug Related, Including Tobacco	-	17.2	20.3	21.8	20.5
Drug Related, Excluding Tobacco	-	12.6	14.8	16.6	17.1
Alcohol Induced	8.4	8.2	9.7	8.9	9.1
Alcohol Related	-	13.4	14.5	14.6	14.4

Note: Firearm, drug, and alcohol induced and related deaths are also included in other categories, e.g. suicide, homicide or unintentional injuries. Refer to the Technical Notes for a complete explanation of induced versus related deaths involving firearms, drugs, or alcohol.

Maricopa County Five-Year Health Trends

Table 2.04a Number of Confirmed Cases to Residents of Selected Reportable Diseases, 2003-2007

Disease		2003	2004	2005	2006	2007
Vaccine Preventable	<i>H. influenzae</i>	44	44	60	54	46
	Measles	1	0	1	0	0
	Mumps	1	1	0	3	4
	Pertussis	75	109	248	21	12
Central Nervous System	Enceph Viral Other	21	31	23	15	10
	Meningitis Viral/Aseptic	1,140	562	722	624	551
	Meningococcal Meningitis	26	9	20	6	6
Enterics	Amebiasis	28	10	11	10	7
	Botulism	0	1	0	4	0
	Campylobacteriosis	464	427	501	432	586
	Cholera	1	0	0	0	1
	Cryptosporidiosis	5	7	9	19	27
	<i>E. Coli</i> O157.H7	28	20	30	42	44
	Giardiasis	168	105	120	66	96
	Listeriosis	8	6	8	7	8
	Salmonella Paratyphi	6	5	0	6	1
	Salmonellosis	380	356	379	432	493
	Shigellosis	338	229	249	381	289
	Typhoid	1	2	4	7	5
Mycosis	Coccidioidomycosis	2,019	2,702	2,461	4,209	3,450
Zoonoses/ Vectorborne	Brucellosis	1	0	2	3	4
	Dengue	0	0	0	8	1
	Hantavirus Pulm. Syndrome	0	0	1	3	0
	Lyme Disease	1	10	7	6	0
	Malaria	10	13	15	18	7
	West Nile Virus ¹	6	355	79	75	68
Hepatitides	Hepatitis A	151	120	68	91	79
	Hepatitis B ² (Acute)	183	180	239	265	110
	Hepatitis C	1,906	1,725	1,366	1,585	1,480
	Hepatitis D	0	0	2	0	0
Other	Legionellosis	12	13	15	25	33
	MRSA ³	-	218	1,109	997	846
	Strep Group A	149	152	168	216	106
	Strep Group B (<90 Days)	29	34	31	39	42
	Strep Pneumo Invasive	423	437	474	569	514
	Toxic Shock Syndrome	5	2	1	0	3
	Vibrio spp.	8	5	13	10	7
	VRE	622	991	1,362	1,805	1,692
	Yersiniosis	7	5	1	11	4
	Hansen's Disease	1	3	1	2	1
Tuberculosis		195	186	169	171	171
Sexually Transmitted Diseases	Genital Herpes ⁴	584	817	799	1,213	1,479
	Gonorrhea ⁴	2,674	2,967	2,915	4,000	3,173
	Syphilis – Primary and Secondary	141	112	123	163	192
	Syphilis – All Others	540	540	421	542	620
	Chlamydia ⁴	7,755	10,677	11,330	14,596	14,544
	HIV	326	319	358	389	404
	AIDS	319	335	306	332	348
All Others		1	17	22	40	48
Total		20,803	24,862	26,247	33,257	31,596

¹ In 2003, two WNV cases were Maricopa County residents who acquired WNV locally but tests were not confirmed until 2004. The remaining four cases in 2003 were Maricopa County residents who acquired WNV outside of the county. WNV was not reported to health departments until 2003.

² 2006 and 2007 figures for Hepatitis B (Acute) include confirmed and probable cases.

³ Methicillin-resistant *Staphylococcus Aureus* (MRSA) was not reported to health departments until October 2004.

⁴ 2003 data for genital herpes, chlamydia, and gonorrhea are disproportionately lower than other years due to a backlog in data entry during 2003.

Maricopa County Five-Year Health Trends

Table 2.04b Case Rates per 100,000 Residents for Selected Reportable Diseases, 2003-2007

Disease		2003	2004	2005	2006	2007
Vaccine Preventable	<i>H. influenzae</i>	1.3	1.3	1.6	1.4	1.2
	Measles	0.0	0	0.0	0	0
	Mumps	0.0	0.0	0	0.1	0.1
	Pertussis	2.2	3.1	6.8	0.6	0.3
Central Nervous System	Enceph Viral Other	0.6	0.9	0.6	0.4	0.3
	Meningitis Viral/Aseptic	33.6	16.0	19.8	16.5	14.2
	Meningococcal Meningitis	0.8	0.3	0.5	0.2	0.2
Enterics	Amebiasis	0.8	0.3	0.3	0.3	0.2
	Botulism	0	0.0	0	0.1	0
	Campylobacteriosis	13.7	12.2	13.7	11.4	15.1
	Cholera	0.0	0	0	0	0.0
	Cryptosporidiosis	0.1	0.2	0.2	0.5	0.7
	<i>E. Coli</i> O157.H7	0.8	0.6	0.8	1.1	1.1
	Giardiasis	5.0	3.0	3.3	1.7	2.5
	Listeriosis	0.2	0.2	0.2	0.2	0.2
	Salmonella Paratyphi	0.2	0.1	0	0.2	0.0
	Salmonellosis	11.2	10.2	10.4	11.4	12.7
	Shigellosis	10.0	6.5	6.8	10.1	7.4
Typhoid	0.0	0.1	0.1	0.2	0.1	
Mycosis	Coccidioidomycosis	59.5	77.1	67.5	111.4	88.9
Zoonoses/ Vectorborne	Brucellosis	0.0	0	0.1	0.1	0.1
	Dengue	0	0	0	0.2	0.0
	Hantavirus Pulm. Syndrome	0	0	0.0	0.1	0
	Lyme Disease	0.0	0.3	0.2	0.2	0
	Malaria	0.3	0.4	0.4	0.5	0.2
	West Nile Virus ¹	0.2	10.1	2.2	2.0	1.8
Hepatitides	Hepatitis A	4.5	3.4	1.9	2.4	2.0
	Hepatitis B (Acute)	5.4	5.1	6.6	7.0	2.8
	Hepatitis C	56.2	49.2	37.5	41.9	38.1
	Hepatitis D	0	0	0.1	0	0
Other	Legionellosis	0.4	0.4	0.4	0.7	0.9
	MRSA ²	-	6.2	30.4	26.4	21.8
	Strep Group A	4.4	4.3	4.6	5.7	2.7
	Strep Group B ³	0.9	1.0	0.9	0.6	0.6
	Strep Pneumo Invasive	12.5	12.5	13.0	15.1	13.2
	Toxic Shock Syndrome	0.1	0.1	0.0	0	0.1
	Vibrio spp.	0.2	0.1	0.4	0.3	0.2
	VRE	18.3	28.3	37.4	47.8	43.6
	Yersiniosis	0.2	0.1	0.0	0.3	0.1
	Hansen's Disease	0.0	0.1	0.0	0.1	0.0
	Tuberculosis		5.7	5.3	4.6	4.5
Sexually Transmitted Diseases	Genital Herpes ⁴	17.2	23.3	21.9	32.1	38.1
	Gonorrhea ⁴	78.8	84.7	79.9	105.9	81.8
	Syphilis – Primary and Secondary	4.2	3.2	3.4	4.3	4.9
	Syphilis – All Others	15.9	15.4	11.5	14.3	16.0
	Chlamydia ⁴	228.6	304.7	310.7	386.3	374.8
	HIV	9.6	9.1	9.8	10.3	10.4
	AIDS	9.4	9.6	8.4	8.8	9.0
All Others		0.0	0.5	0.6	1.1	1.2
Total		613.2	709.5	719.8	880.1	814.3

¹ In 2003, two WNV cases were Maricopa County residents who acquired WNV locally but tests were not confirmed until 2004. The remaining four cases in 2003 were Maricopa County residents who acquired WNV outside of the county. WNV was not reported to health departments until 2003.

² Methicillin-resistant *Staphylococcus Aureus* (MRSA) was not reported to health departments until October 2004.

³ Rates for Streptococcus Group B Invasive disease in infants <90 days are per 1,000 live births.

⁴ 2003 data for genital herpes, chlamydia, and gonorrhea are disproportionately lower than other years due to a backlog in data entry during 2003.

Maricopa County Five-Year Health Trends

**Table 2.05a Congenital Syphilis by Race/Ethnicity and Year
Number of Cases, 2003-2007**

Race/Ethnicity	Year				
	2003	2004	2005	2006	2007
White	2	1	1	1	5
Hispanic (Including Amer. Ind.)	19	11	16	7	12
African American	3	0	3	0	1
American Indian, Non-Hispanic	1	0	2	2	2
Asian	0	0	0	0	0
Other/Unknown	0	0	0	0	0
Total	25	12	22	10	20

**Table 2.05b Congenital Syphilis by Race/Ethnicity and Year
Case Rates per 100,000 Live Births, 2003-2007**

Race/Ethnicity	Year				
	2003	2004	2005	2006	2007
White	7.6	3.7	3.7	3.5	18.6
Hispanic (Including Amer. Ind.)	71.0	40.1	55.8	23.0	38.4
African American	137.6	0	116.4	0	32.9
American Indian, Non-Hispanic	62.0	0	114.4	103.5	197.0
Asian	0	0	0	0	0
Other/Unknown	-	-	-	-	-
Total	42.4	19.8	35.4	15.1	30.3

Table 2.06 Hansen's Disease Prevalence

Total number of cases reported in Maricopa County as of December 31, 2007	
Sex	
Male	39
Female	32
Total	71
Age at Diagnosis	
0-9	1
10-14	1
15-19	7
20-24	8
25-34	19
35-44	11
45-54	3
55-64	8
65 and Older	1
Unknown	12
Total	71

This table includes all known cases of Hansen's Disease diagnosed in Maricopa County, including some non-Maricopa County residents. It includes suspect and confirmed cases diagnosed between 1955 and 2007.

Maricopa County Five-Year Health Trends

Table 2.07a Selected Maternal & Child Health Indicators, 2003-2007

Indicator		2003	2004	2005	2006	2007	
Countywide Indicators	Number of Live Births	59,000	60,535	62,223	66,162	65,930	
	Male Infants of Total Live Births	30,119	30,971	31,771	33,867	33,829	
Number of Live Births to Mothers With Selected Risk Factors	Mothers With <12 Years Education	18,420	18,662	18,816	19,765	19,707	
	Births to Women 10-19 Years Old	6,968	7,082	7,212	7,904	7,816	
	Births to Women 15-17 Years Old	2,484	2,540	2,582	2,774	2,664	
	Births to Women Over 35 Years Old	6,753	7,339	7,478	8,218	8,372	
	Births to Never Married Women	23,191	24,204	25,574	28,224	29,185	
	Tobacco Use During Pregnancy	3,226	3,145	2,833	2,737	2,495	
	Alcohol Use During Pregnancy	475	411	397	334	265	
	Mother with Pre-Existing Cardiac Disease	73	53	99	117	111	
	Mother with Pre-Existing Diabetes	1,180	1,303	1,713	2,005	2,255	
	Mothers with No Medical Risk Factors for Pregnancy	43,753	45,689	47,616	51,467	49,387	
Number of Live Births With Selected Risk Factors Associated with Pregnancy	Induced Labor	10,122	10,726	12,060	11,185	11,873	
	Delivery via C-Section	Primary Cesarean Section	7,856	8,260	9,030	10,361	10,413
		Repeat Cesarean Section	5,404	6,153	6,826	7,228	7,545
	Preterm Births (Less than 37 Weeks)	6,339	6,816	6,804	7,250	6,991	
	Hospital Births	58,523	60,098	61,837	65,728	65,512	
	Method of Payment	AHCCCS	28,719	30,044	32,242	34,144	34,403
		IHS	281	219	212	252	320
		Private Insurance	28,202	28,264	27,904	29,723	29,238
		Self	1,153	1,421	1,602	1,819	1,695
	Prenatal Care	None	1,619	1,460	1,193	1,382	1,339
		1 st Trimester	46,429	48,202	50,090	53,160	52,961
		2 nd Trimester	8,457	8,605	9,107	9,628	9,708
		3 rd Trimester	2,157	2,129	1,797	1,949	1,889
	Number of Prenatal Care Visits	0	1,619	1,460	1,193	1,382	1,339
		1-4	1,883	2,198	2,147	2,287	2,134
		5-8	7,687	8,791	9,859	10,455	10,505
		9-12	26,899	30,114	33,038	33,328	31,834
		13+	19,260	17,426	15,932	18,577	20,081
	Plurality	Singletons	57,281	58,691	60,450	64,275	64,065
		Twins	1,589	1,713	1,684	1,788	1,762
Singleton Births Receiving Early & Adequate Prenatal Care ¹		40,663	41,925	42,992	45,554	45,626	
Number of Live Births with Selected Risk Factors Associated with the Neonate	Neonatal Intensive Care	2,974	3,312	3,525	3,326	3,365	
	Infants Transferred to Another Facility ²	262	289	346	392	297	
	Birthweight	Very Low (<1500g)	673	735	735	790	818
		Low (<2500g)	4,113	4,275	4,253	4,638	3,851
		High (>4250g)	1,910	1,878	1,866	2,104	2,064
	Infants With a Neural Tube Defect ³	17	11	7	5	11	
Infants With Fetal Alcohol Syndrome ³	0	0	1	0	1		

¹ See the technical notes for an explanation of early and adequate prenatal care.

² Infants transferred from Banner Good Samaritan Hospital to Phoenix Children's Hospital have not been counted as transfers since the two hospitals share facilities, with Phoenix Children's Hospital providing Neonatal Intensive Care services to infants born at Banner Good Samaritan.

³ Due to the collection method for these data, information is underestimated.

Maricopa County Five-Year Health Trends

Table 2.07b Selected Maternal & Child Health Indicator Percentages, 2003-2007

Indicator		2003	2004	2005	2006	2007	
Countywide Indicators	Number of Live Births	59,000	60,535	62,223	66,162	65,930	
	% Male Infants of Total Live Births	51.0%	51.2%	51.1%	51.2%	51.3%	
	Fertility Rate per 1,000 Women Age 15-44 ¹	81.2	81.5	81.1	84.0	82.9	
Percentage of Live Births to Mothers With Selected Risk Factors	% Mothers With <12 Years Education	31.2%	30.8%	30.2%	29.9%	29.9%	
	% Births to Women 10-19 Years Old	11.8%	11.7%	11.6%	11.9%	11.9%	
	% Births to Women 15-17 Years Old	4.2%	4.2%	4.1%	4.2%	4.0%	
	% Births to Women Over 35 Years Old	11.4%	12.1%	12.0%	12.4%	12.7%	
	% Births to Never Married Women	39.3%	40.0%	41.1%	42.7%	44.3%	
	% Tobacco Use During Pregnancy	5.5%	5.2%	4.6%	4.1%	3.8%	
	% Alcohol Use During Pregnancy	0.8%	0.7%	0.6%	0.5%	0.4%	
	% Mother with Pre-Existing Cardiac Disease	0.1%	0.1%	0.2%	0.2%	0.2%	
	% Mother with Pre-Existing Diabetes	2.0%	2.2%	2.8%	3.0%	3.4%	
	% Mothers with No Medical Risk Factors for Pregnancy	74.2%	75.5%	76.5%	77.8%	74.9%	
Percentage of Live Births With Selected Risk Factors Associated with Pregnancy	% Induced Labor		17.2%	17.7%	19.4%	16.9%	18.0%
	Delivery via C-Section	Primary Cesarean Section	13.3%	13.6%	14.5%	15.7%	15.8%
		Repeat Cesarean Section	9.2%	10.2%	11.0%	10.9%	11.4%
	% Preterm Births (Less than 37 Weeks)		10.7%	11.3%	10.9%	11.0%	10.6%
	% Hospital Births		99.2%	99.3%	99.4%	99.3%	99.4%
	Method of Payment	AHCCCS	48.7%	49.6%	51.8%	51.6%	52.2%
		IHS	0.5%	0.4%	0.3%	0.4%	0.5%
		Private Insurance	47.8%	46.7%	44.8%	44.9%	44.4%
		Self	2.0%	2.3%	2.6%	2.7%	2.6%
	Prenatal Care	None	2.7%	2.4%	1.9%	2.1%	2.0%
		1 st Trimester	78.7%	79.6%	80.5%	80.3%	80.3%
		2 nd Trimester	14.3%	14.2%	14.6%	14.6%	14.7%
		3 rd Trimester	3.7%	3.5%	2.9%	2.9%	2.9%
	Number of Prenatal Care Visits	0	2.7%	2.4%	1.9%	2.1%	2.0%
		1-4	3.2%	3.6%	3.5%	3.5%	3.2%
		5-8	13.0%	14.5%	15.8%	15.8%	15.9%
		9-12	45.6%	49.7%	53.1%	50.4%	48.38%
		13+	32.6%	28.8%	25.6%	28.1%	30.5%
	Plurality	Singletons	97.1%	97.0%	97.2%	97.1%	97.2%
		Twins	2.7%	2.8%	2.7%	2.7%	2.7%
% Singleton Births Receiving Early & Adequate Prenatal Care ²		71.0%	71.4%	71.1%	68.9%	69.2%	
Percentage of Live Births with Selected Risk Factors Associated with the Neonate	Neonatal Intensive Care		5.0%	5.5%	5.7%	5.0%	5.1%
	% Infants Transferred to Another Facility ³		0.4%	0.5%	0.6%	0.6%	0.5%
	Birthweight	Very Low (<1500g)	1.1%	1.2%	1.2%	1.2%	1.2%
		Low (<2500g)	7.0%	7.1%	6.8%	7.0%	5.8%
		High (>4250g)	3.2%	3.1%	3.0%	3.2%	3.1%
	% Infants With a Neural Tube Defect ⁴		0.0%	0.0%	0.0%	0.0%	0.0%
% Infants With Fetal Alcohol Syndrome ⁴		0%	0%	0.0%	0%	0.0%	

¹ The annual number of women age 15 to 44 years old was used to compute this rate.

² See the technical notes for an explanation of early and adequate prenatal care.

³ Infants transferred from Banner Good Samaritan Hospital to Phoenix Children's Hospital have not been counted as transfers since the two hospitals share facilities, with Phoenix Children's Hospital providing Neonatal Intensive Care services to infants born at Banner Good Samaritan.

⁴ Due to the collection method for these data, information is underestimated.

Maricopa County Five-Year Health Trends

Table 2.08a Infant Mortality by Race/Ethnicity of Mother, 2003-2007 (Linked)

Race/Ethnicity of Mother	Year					Total
	2003	2004	2005	2006	2007	
White	138	151	155	139	159	742
Hispanic	171	185	172	207	185	920
African American	26	21	21	42	37	147
Amer Ind., Non-Hisp.	18	11	11	7	10	57
Amer Ind., Hispanic	1	1	0	0	1	3
Asian	12	13	13	7	10	55
Other/Unknown	1	4	1	2	0	8
Total	367	386	373	404	402	1,932

Table 2.08b Infant Mortality Rates by Race/Ethnicity of Mother, 2003-2007 (Linked)
Infant Mortality per 1,000 Live Births

Race/Ethnicity of Mother	Year				
	2003	2004	2005	2006	2007
White	5.2	5.6	5.7	4.9	5.9
Hispanic	6.4	6.8	6.0	6.8	5.9
African American	11.9	8.7	8.1	14.8	12.2
Amer Ind., Non-Hisp.	11.2	6.4	6.3	3.6	5.2
Amer Ind., Hispanic	9.9	11.6	0	0	9.1
Asian	6.5	6.6	6.4	3.0	4.0
Other/Unknown	-	-	-	-	-
Total	6.2	6.4	6.0	6.1	6.1

Table 2.09a Infant Mortality by Age of Mother, 2003-2007 (Linked)

Age of Mother	Year					Total
	2003	2004	2005	2006	2007	
<20	57	67	63	67	52	306
20-29	201	205	208	214	213	1,041
30-39	96	102	89	114	124	525
40 and Older	13	12	13	9	13	60
Total	367	386	373	404	402	1,932

Table 2.09b Infant Mortality Rates by Age of Mother, 2003-2007 (Linked)
Infant Mortality per 1,000 Live Births

Age of Mother	Year				
	2003	2004	2005	2006	2007
<20	8.2	9.5	8.7	8.5	6.7
20-29	6.2	6.3	6.1	5.9	6.0
30-39	5.2	5.2	4.5	5.5	5.9
40 and Older	10.6	9.0	10.0	6.4	9.8
Total	6.2	6.4	6.0	6.1	6.1

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

Maricopa County Five-Year Health Trends

Table 2.10a Infant Mortality by Educational Level of Mother, 2003-2007 (Linked)

Educational Level of Mother	Year					Total
	2003	2004	2005	2006	2007	
Less Than 6 th Grade	13	7	9	7	11	47
6 th – 11 th Grade	109	142	125	137	133	646
High School Diploma	118	108	113	127	105	571
College or Higher	117	121	120	128	142	628
Unknown	10	8	6	5	11	40
Total	367	386	373	404	402	1,932

Table 2.10b Infant Mortality Rates by Educational Level of Mother, 2003-2007 (Linked)
Infant Mortality per 1,000 Live Births

Educational Level of Mother	Year				
	2003	2004	2005	2006	2007
Less Than 6 th Grade	10.6	6.2	8.3	5.4	9.5
6 th – 11 th Grade	6.3	8.1	7.0	7.4	7.2
High School Diploma	7.7	6.9	6.8	7.0	5.8
College or Higher	4.8	4.8	4.6	4.6	5.2
Unknown	9.6	9.0	10.4	8.3	13.7
Total	6.2	6.4	6.0	6.1	6.1

Table 2.11a Infant Mortality by Birthweight, 2003-2007 (Linked)

Birthweight	Year					Total
	2003	2004	2005	2006	2007	
<1500 Grams	180	212	197	215	199	1,003
1500-2499 Grams	57	70	52	54	63	296
2500-4249 Grams	126	103	121	127	136	613
>4249 Grams	2	0	2	3	4	11
Unknown	2	1	1	5	0	9
Total	367	386	373	404	402	1,932

Table 2.11b Infant Mortality Rates by Birthweight, 2003-2007 (Linked)
Infant Mortality per 1,000 Live Births

Birthweight	Year				
	2003	2004	2005	2006	2007
<1500 Grams	267.5	288.4	268.0	272.2	243.3
1500-2499 Grams	16.6	19.8	14.8	14.0	16.4
2500-4249 Grams	2.4	1.9	2.2	2.1	2.3
>4249 Grams	1.0	0	1.1	1.4	1.9
Unknown	95.2	66.7	200.0	714.3	0
Total	6.2	6.4	6.0	6.1	6.1

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

Maricopa County Five-Year Health Trends

Table 2.12 Infant Mortality and Rates by Age of Infant, 2003-2007 (Linked & Unlinked)

Infant Mortality		Year				
		2003	2004	2005	2006	2007
Linked Data	Neonatal (≤ 28 Days)	251	271	249	277	286
	Postnatal (> 28 Days)	116	115	124	127	116
	Total	367	386	373	404	402
Unlinked Data	Neonatal (≤ 28 Days)	253	274	253	278	297
	Postnatal (> 28 Days)	116	122	129	128	120
	Total	369	396	382	406	417
Infant Mortality Rates per 1,000 Live Births		Year				
		2003	2004	2005	2006	2007
Linked Data	Neonatal (≤ 28 Days)	4.3	4.5	4.0	4.2	4.3
	Postnatal (> 28 Days)	2.0	1.9	2.0	1.9	1.8
	Total	6.2	6.4	6.0	6.1	6.1
Unlinked Data	Neonatal (≤ 28 Days)	4.3	4.5	4.1	4.2	4.5
	Postnatal (> 28 Days)	2.0	2.0	2.1	1.9	1.8
	Total	6.3	6.5	6.1	6.1	6.3

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

Maricopa County Five-Year Health Trends

Table 2.13a Infant Mortality by Age of Infant and Race/Ethnicity of Mother, 2003-2007 (Linked)

Linked Infant Mortality		Year				
		2003	2004	2005	2006	2007
Neonatal (≤ 28 Days)	White	92	107	102	101	107
	Hispanic	126	132	123	140	142
	African American	17	14	11	23	23
	Amer. Ind., Non-Hisp.	6	5	4	8	6
	Amer. Ind., Hispanic	1	1	0	0	0
	Asian	8	10	8	4	8
	Other/Unknown	1	2	1	1	0
	Total	251	271	249	277	286
Postnatal (> 28 Days)	White	46	44	53	38	52
	Hispanic	45	53	49	63	43
	African American	9	7	10	19	14
	Amer. Ind., Non-Hisp.	12	6	7	3	4
	Amer. Ind., Hispanic	0	0	0	0	1
	Asian	4	3	5	3	2
	Other/Unknown	0	2	0	1	0
	Total	116	115	124	127	116

Table 2.13b Infant Mortality Rates by Age of Infant and Race/Ethnicity of Mother, 2003-2007 (Linked) Infant Mortality per 1,000 Live Births

Linked Infant Mortality		Year				
		2003	2004	2005	2006	2007
Neonatal (≤ 28 Days)	White	3.5	4.0	3.8	3.6	4.0
	Hispanic	4.7	4.8	4.3	4.6	4.5
	African American	7.8	5.8	4.3	8.1	7.6
	Amer. Ind., Non-Hisp.	3.7	2.9	2.3	4.1	3.1
	Amer. Ind., Hispanic	9.9	11.6	0	0	0
	Asian	4.4	5.1	4.0	1.7	3.2
	Other/Unknown	-	-	-	-	-
	Total	4.3	4.5	4.0	4.2	4.3
Postnatal (> 28 Days)	White	1.7	1.6	2.0	1.3	1.9
	Hispanic	1.7	1.9	1.7	2.1	1.4
	African American	4.1	2.9	3.9	6.7	4.6
	Amer. Ind., Non-Hisp.	7.4	3.5	4.0	1.6	2.1
	Amer. Ind., Hispanic	0	0	0	0	9.1
	Asian	2.2	1.5	2.5	1.3	0.8
	Other/Unknown	-	-	-	-	-
	Total	2.0	1.9	2.0	1.9	1.8

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

Maricopa County Five-Year Health Trends

Table 2.14a Infant Mortality by Race/Ethnicity of Infant, 2003-2007 (Unlinked)

Race/Ethnicity of Infant	Year					Total
	2003	2004	2005	2006	2007	
White	129	141	142	142	132	686
Hispanic	185	203	182	203	225	998
African American	29	28	27	43	40	167
Amer Ind., Non-Hisp.	12	6	10	12	9	49
Amer Ind., Hispanic	7	7	7	2	4	27
Asian	7	8	13	4	7	39
Other/Unknown	0	3	1	0	0	4
Total	369	396	382	406	417	1,970

Table 2.14b Infant Mortality Rates by Race/Ethnicity of Infant, 2003-2007 (Unlinked)
Infant Mortality per 1,000 Live Births

Race/Ethnicity of Infant	Year				
	2003	2004	2005	2006	2007
White	4.9	5.3	5.2	5.0	4.9
Hispanic	6.9	7.4	6.4	6.7	7.2
African American	13.3	11.6	10.5	15.1	13.2
Amer Ind., Non-Hisp.	7.4	3.5	5.7	6.2	4.7
Amer Ind., Hispanic	69.3	81.4	67.3	18.9	36.4
Asian	3.8	4.1	6.4	1.7	2.8
Other/Unknown	-	-	-	-	-
Total	6.3	6.5	6.1	6.1	6.3

Note: See Technical Notes at the end of this report for an explanation of linked and unlinked data.

III. Technical Notes

Population Statistics

Population statistics are shown in Tables **1.01** through **1.11**. This report used the most recent U.S. Census data and estimates for population figures at the time of analysis.

- The population for Maricopa County population is from the U.S. Census Bureau, County Population Estimates by Age, Sex, Race and Hispanic Origin for July 1, 2007, released August 7, 2008. This is at <http://www.census.gov/popest/counties/asrh/files/cc-est2007-alldata-04.csv>.
- The population for Arizona is from <http://www.census.gov/popest/states/tables/NST-EST2007-01.csv>
- The population for Phoenix is from <http://www.census.gov/popest/cities/files/SUB-EST2007-almo.csv>

This report defines “Hispanic” as: all respondents listing Hispanic, either alone or in combination with any race that do not identify themselves as American Indian or Alaska Native. This report separates the American Indian population by ethnicity (Hispanic, Non-Hispanic). The table below shows how the U.S. Census variables of “origin” and “race” are used for categorization in this report.

Table 3.1 Race/Ethnicity Categories Used in This Report		
Category Used in This Report	U.S. Census Code “Race”	U.S. Census Code “Origin”
White	Race=1 (White Alone)	Origin=1 (Non-Hispanic)
African American	Race=2 (Black Alone)	Origin=1 (Non-Hispanic)
American Indian, Non-Hispanic	Race=3 (American Indian or Alaska Native Alone)	Origin=1 (Non-Hispanic)
American Indian, Hispanic	Race=3 (American Indian or Alaska Native Alone)	Origin=2 (Hispanic)
Asian	Race=4 (Asian Alone) or 5 (Native Hawaiian or Other Pacific Islander Alone)	Origin=1 (Non-Hispanic)
Other	Race=6 (Two or More Races)	Origin=1 (Non-Hispanic)
Hispanic	Race=1,2,4,5,6	Origin=2 (Hispanic)

Mortality (Death) Statistics

Mortality (death) statistics are shown in Tables **2.01a** through **2.03b**. Any crude death rate can be calculated by taking the number of deaths from any mortality table in this report and dividing it by the appropriate age, sex, race/ethnicity, or total population denominator found in Tables **1.01** through **1.10**. In tables where rates are shown, “0” means there were no cases/deaths in that category. However, when the number “0.0” is shown, it means that there were fewer than .05 deaths per 100,000 residents. By definition, deaths due to SIDS only occur in infants; as a result, these numbers are divided by the number of live births, to produce a rate per 1,000 live births.

All data on mortality statistics are from death certificates included in the Arizona Department of Health Services (ADHS) final annual files. The data presented in this report include Maricopa County residents only. This includes Maricopa County residents who died in Maricopa County and residents who died elsewhere. Non-Maricopa County residents who died in Maricopa County are not included.

During the course of routine data review, several deaths in 2007 were identified as being in one county even though their city and ZIP codes indicated that they lived in a different county. For these discrepant cases, final classification in this report was based on the address of the resident. (The address is determined by reviewing the street address, city, county, and ZIP code). Two deaths that occurred in 2006 were updated with accurate causes of death. In addition, duplicate records were also identified and deleted: 1 record in 2004 and 5 records in 2005. Therefore, the numbers presented in this report may not precisely match those presented by ADHS in other reports.

For both mortality and morbidity (communicable disease), rates for some racial/ethnic populations such as American Indians, Asians, and African Americans are high compared to other groups. Because these groups have relatively small populations in Maricopa County (under 150,000 residents as shown in Tables **1.01** through **1.10**), these high rates may represent very few deaths/cases. Among small populations, rates are less stable so one case or death can cause a big increase or decrease in the rates. Therefore, it is advisable to examine the actual number of cases or deaths, in addition to the rates.

In Table **2.01a**, deaths due to unintentional injury can be found by adding two categories – “motor vehicle collisions” and “all other accidents and adverse effects.” The total for unintentional injuries in this report is higher than the figure reported by ADHS because deaths from “complications of medical and surgical care” are included in this report. This convention follows the national model for classifying unintentional injuries. “Complications of medical and surgical care” include deaths from medical devices, adverse effects related to correct doses of therapeutic medications, and misadventures to patients during surgical or medical care (ICD-10 Y40-Y84, Y88). Table **2.02a** presents the number of deaths by year meeting the criteria for ‘complications of medical and surgical care.’

Tables **2.05b**, **2.08b**, **2.13b**, and **2.14b** do not provide a rate for the category labeled “Unknown Race/Ethnicity.” Since the U.S. Census Bureau does not report data on people of ‘unknown race/ethnicity,’ there is no denominator to use for calculating the rate.

Unless otherwise noted, all deaths are attributed to one underlying condition, based on death certificate information, using the rules of the International Classification of Diseases. Causes of death are classified by ICD-10 codes. The codes used for each category are listed in Table **3.2** below.

Table 3.2 ICD-10 Codes Used for This Report

Cause	ICD-10 Codes Used
Salmonella & Other Intestinal Infections	A01-A04, A06-A09
Tuberculosis	A16-A19
Septicemia	A40-A41
Syphilis	A50-A53
HIV Disease	B20-B24
Viral Hepatitis	B15-B19
Coccidioidomycosis	B38
Other Mycoses	B35-B37, B39-B49
Malignant Neoplasms (Cancer)	C00-C97
Malignant Neoplasm of the Lip, Oral Cavity, and Pharynx	C00-C14
Malignant Neoplasm of the Stomach	C16
Malignant Neoplasm of the Colon	C18-C21
Malignant Neoplasm of the Pancreas	C25
Malignant Neoplasm of Bronchus, Lung, or Trachea	C33-C34
Malignant Melanoma of Skin	C43
Malignant Neoplasm of the Breast	C50
Malignant Neoplasm of the Uterus, Cervix, Ovary	C53-C56
Malignant Neoplasm of the Ovary	C56
Malignant Neoplasm of the Prostate	C61
Malignant Neoplasm of the Testes	C62
Malignant Neoplasm of Urinary Organs	C64-C68
Malignant Neoplasm of the Meninges, Brain, and Central Nervous System	C70-C72
Non-Hodgkins Lymphoma	C82-C85
Leukemia	C91-C95
Other Malignant Neoplasms	C00-C15, C17, C22-C24, C26-C32, C37-C49, C51-C52, C57-C60, C62-C63, C69-C81, C88, C90, C96-97
Anemias	D56-D64
Diabetes	E10-E14
Nutritional Deficiencies	E40-E64
Obesity	E66
Mental & Behavioral Disorders Due to the Use of Alcohol	F10
Parkinson's Disease	G20-G21
Alzheimer's	G30
Multiple Sclerosis	G35
Epilepsy	G40-G41
Major Cardiovascular Disease	I00-I78
Disease of Heart	I00-I09, I11, I13, I20-I51
Hypertensive Heart Disease	I11, I13
Ischemic Heart Disease	I20-I25
Acute Myocardial Infarction	I21-I22
Other Heart Disease	I00-I09, I26-I51

(Table Continues)

(Table 3.2, Continued)

Cause	ICD-10 Codes Used
Congestive Heart Failure	I50
Coronary Heart Disease	I11, I20-I25
Primary Hypertension	I10, I12
Cerebrovascular Diseases	I60-I69
Atherosclerosis	I70
Other Circulatory	I71-I78
Influenza & Pneumonia	J10-J18
Chronic Lower Respiratory	J40-J47
Emphysema	J43
Asthma	J45-J46
Peptic Ulcer	K25-K28
Liver Disease, including chronic liver disease, cirrhosis, alcoholic liver disease, and other chronic liver disease	K70, K73-K74
Alcoholic Liver Disease	K70
Rheumatoid Arthritis	M05-M08
Lupus	M32
Osteoporosis	M80-M81
Nephritis, nephritic syndrome and nephrosis	N00-N07, N17-N19, N25-N27
Pregnancy, childbirth, and the puerperium	O00-O99
Perinatal Conditions	P00-P96
Disorders Related to Short Gestation and Low Birth Weight (LBW)	P07
Congenital Malformations	Q00-Q99
Congenital Malformations of the Circulatory System	Q20-Q28
Chromosomal Abnormalities	Q90-Q99
SIDS (Sudden Infant Death Syndrome)	R95
Ill Defined Disease Conditions (Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified, excluding SIDS)	R00-R94, R96-R99
All Other Diseases	A00-A09, A20-A49, A54-B19, B25-B99, D00-E07, E15-G25, G31-H93, I80-J06, J20-J39, J60-K22, K29-K66, K71-K72, K75-M99, N10-N15N20-N23, N28-N98
Motor Vehicle Collisions	V02-V04, V09.0, V09.2, V12-V14, V19.0 - V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0 V89.2
All Other Accidents & Adverse Effects	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 V90-X29, X31-X59, Y40-Y86, Y88
Falls	W00-W19
Exposure to Excessive Natural Heat	X30
Accidental Poisoning	X40-X49
Accidental Drowning (Excludes drowning involving water transportation)	W65-W74
Legal Intervention	Y35, Y890

(Table Continues)

(Table 3.2, Continued)

Cause	ICD-10 Codes Used
Accidental Discharge of Firearms	W32-W34
Discharge of Firearms, Undetermined Intent	Y22-Y24
Complications of Medical & Surgical Care (Excludes accidental overdose of a drug or drugs administered in error)	Y40-Y84, Y88
Suicide	U03, X60-X84, Y87.0
Homicide	U01-U02, X85-Y09, Y87.1
All Other External Causes	Y10-Y36, Y87.2, Y89
Unknown Causes	No ICD code listed
Firearm Related	W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0
Drug Induced or Related	F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.8, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0- F18.5, F18.7-F18.9, F19.0-F19.5, F19.7- F19.9, X40-X44, X60-X64, X85, Y10- Y14
Alcohol Induced or Related	F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15

Firearm, drug, and alcohol induced deaths are also included in a number of other categories, such as suicide, homicide, unintentional injury, etc. For example, a firearm induced death may also be classified as a suicide, homicide, or “other accident or adverse effect.” An alcohol induced death may be attributed to a long or short term effect of alcohol, such as acute alcohol intoxication or alcoholic cardiomyopathy.

Tables **2.03a** and **2.03b** show deaths resulting directly (induced) and indirectly (related) from firearms, drugs, and alcohol. Drugs include prescription medications and illegal substances, regardless of whether use was recreational or medicinal. Tobacco is considered a drug by the National Center for Health Statistics (NCHS). Since tobacco is not often considered to be a drug in the colloquial sense, drug-related deaths are listed both with and without tobacco-related deaths.

Induced deaths refer to cases in which the use of a firearm, drug, or alcohol contributed directly to the cause of death, i.e., death due to an overdose of drugs, or a fatal gunshot injury. Related deaths refer to cases in which the use of a drug or alcohol was listed on the death certificate, but the substance was not necessarily involved in the final cause of death, i.e., death due to dehydration resulting from environmental exposure, with chronic drug use noted elsewhere on the certificate.

Related causes of deaths are counted using multiple cause of death (MCD) data supplied by ADHS with the final annual mortality files, beginning in 2004.

Communicable Disease (Morbidity) Statistics

Communicable disease statistics are shown in Tables **2.04a** through **2.06**. Any morbidity rate except for Streptococcal Group B Invasive disease can be calculated by taking the number of cases from any communicable disease table in this report and dividing it by the appropriate age, gender, race/ethnicity, or total population denominator found in Tables **1.01** through **1.10**. Because Streptococcal Group B Invasive disease is only reportable in infants under 90 days, these numbers are divided by the number of live births, to produce a rate per 1,000 live births.

The data presented in this report include communicable diseases to residents of Maricopa County. This includes Maricopa County residents who acquired a disease in Maricopa County and residents who acquired a disease elsewhere. Non-Maricopa County residents are not included, even if they acquired a disease in Maricopa County. Other reports may show different morbidity rates because they include non-residents who acquired disease in Maricopa County or they exclude residents who were exposed outside of the county. For example, this report shows six residents with West Nile virus (WNV) in 2003. Two of these cases acquired WNV outside of Maricopa County, the other four cases were acquired locally. Other reports and press releases may focus on only the locally acquired WNV cases, regardless of the residency status of the cases. For Hansen's disease only, tables include residents from various counties in Arizona, regardless of where the disease was acquired.

All data on communicable diseases are new cases for each specific year of reportable diseases included in the ADHS final annual files. There are several exceptions: data on Hepatitis C, genital herpes, gonorrhea, chlamydia, syphilis, and Hansen's disease are from MCDPH data files.

In previous Health Status Reports, hepatitis B and West Nile Virus data were also obtained from the MCDPH. This report uses hepatitis B data for confirmed and probable acute cases from ADHS for all years presented. For 2007, data for West Nile Virus are from ADHS. West Nile Virus data from earlier years are from MCDPH.

Data on hepatitis C, tuberculosis, STDs, HIV, and AIDS may differ from other reports published by MCDPH and ADHS. Data on these diseases are in databases that may have been updated during the time between reports.

Morbidity data include only confirmed cases, with the exception of West Nile Virus, hepatitis B, and Hansen's disease. Data for Hansen's disease includes all confirmed, suspect, and probable cases diagnosed in Maricopa County, including diagnoses to non-county residents. Data for hepatitis B includes confirmed and probable acute cases among Maricopa County residents in 2006 and 2007. Data for West Nile Virus includes confirmed and probable cases among Maricopa County residents

Primary and secondary syphilis is shown as "Syphilis-Prim. and Sec". The "Syphilis - All others" category includes latent and congenital syphilis. These two categories can be added to determine the total number of syphilis cases. Congenital syphilis details may be found in Tables **2.05a** and **2.05b**.

All communicable disease statistics in this report are new cases for each specified year (incidence). The only exception is Hansen's disease for which the prevalence (all existing cases from all years) is shown. The figures presented for Hansen's disease differ from previous years due to the addition of several cases diagnosed in previous years but only recently available.

Data are classified by date of report with one exception. Morbidity data for hepatitis C are classified by the earliest date in the record. The earliest date may be date of onset, date of diagnosis, or date of report. HIV, AIDS, and Hansen's disease data are classified by date of diagnosis.

The category "Encephalitis Viral" includes St. Louis encephalitis and all other types of viral encephalitis except for West Nile virus. This may differ somewhat from other reports that include only certain types of encephalitides.

Comparison of Hepatitis B cases in 2007 to previous years will show a decrease in the total number of cases. This decrease is most likely due to changes in the investigation of the disease and not due to a change in the communicability of the disease in Maricopa County.

In Tables **2.04a** and **2.04b**, the category labeled "All Others" includes all reportable diseases in the ADHS communicable disease database that are not listed previously on the table.

Natality (Birth) Statistics

Natality (birth) statistics are shown in Tables **2.07a** through **2.10b**.

All data on natality are from the Arizona Department of Health Services (ADHS) final annual files. The data presented in this report are from birth certificates where the mother's county of residence is Maricopa County. This includes births that did not occur in Maricopa County. National Center for Health Statistics rules state that if a birth does not occur in the state of residency and the county and city are unknown, the city of residency is assigned to the largest city in the state of residency. For Arizona, the largest city is Phoenix. Therefore, some births that occurred outside of Arizona are included in Maricopa County's final year end statistics even though the county and city of residence are unknown. For further explanation, please see <http://www.cdc.gov/nchs/data/dvs/3amanual.pdf>.

During the course of routine data review, several births were identified as being in one county even though their city and ZIP codes indicated that they lived in a different county. For these discrepant cases, final classification in this report was based on the address of the resident. (The address is determined by reviewing the street address, city, county, and ZIP code). In addition, one record was identified as duplicate in 2005 and deleted. Therefore, the numbers presented in this report may not precisely match those presented by ADHS in other reports.

Infant mortality statistics shown in this report are from linked and unlinked data as indicated in each table. An explanation of linked and unlinked data is presented below.

The infant mortality rates for older and younger maternal age groups (under 15 and over 45) may be high compared to other groups. These groups have relatively small populations in Maricopa County. Although rates may be high, they may represent only one or two cases in a given category. Therefore, it is advisable to check the raw numbers.

Adequate prenatal care is based on the Adequacy of Prenatal Care Utilization Index (APCUI)¹. This index considers both the timing of prenatal care initiation and the number of visits after care was initiated, comparing the number of actual visits to the number of visits recommended by the American College of Obstetricians and Gynecologists. This index does not describe the quality of the care or adjust for maternal risk factors. Only singleton births are shown in these tables because twins and higher order births are typically higher risk pregnancies, and the index is not appropriate for summarizing their prenatal care usage.

- a) Inadequate: Prenatal care began after the fourth month of pregnancy or less than 50% of the expected prenatal care visits were attended
- b) Intermediate: Prenatal care began before the fourth month and 50 to 70% of the expected visits were attended
- c) Adequate: Prenatal care began prior to the fourth month and 80-109% of expected visits were attended
- d) Adequate plus: Prenatal care began prior to the fourth month of pregnancy and 110% or more of the expected visits were attended

The following definitions related to reproductive health have been established by NCHS²:

- Birth or Live Birth³ – The complete expulsion or extraction from the mother of a product of human conception, irrespective of the duration of pregnancy or birthweight which, after such expulsion or extraction, breathes or shows any other evidence of life such as

¹ Kotelchuck, M. An Evaluation of the Kessner Adequacy of Prenatal Care Index and a Proposed Adequacy of Prenatal Care Utilization Index, *American Journal of Public Health*, 1994; 84(9):1414-1420.

² NCHS guidelines were adopted from those established by the World Health Organization (WHO).

³ The Arizona statute defining a live birth follows this definition.

beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

- Fertility Rate – Number of live births during a calendar year per 1,000 women age 15 to 44.
- Births to Teenage Mothers – Live births occurring to females under age twenty.
- Birth Weight – The weight of a neonate determined immediately after delivery or as soon thereafter as possible.
- Low Birthweight – Any neonate weighing less than 2,500 grams at birth (less than 5 pounds, 8 ounces).
- Very Low Birthweight – Any neonate weighing less than 1,500 grams at births (less than 3 pounds, 4 ounces).
- Preterm – Any neonate whose birth occurs through the end of the last day of the 37th week (259th day), following onset of the last menstrual period.
- Infant Death – Any death at any time from birth up to, but not including, the first year of age (<365 days).
- Infant Mortality Rate – Number of infant deaths per 1,000 live births.
- Neonatal Mortality Rate – Number of deaths to infants at or under 28 days of age, per 1,000 live births.
- Postnatal (Postneonatal) Mortality Rate – Number of deaths to infants between 29 days and 365 days after birth, per 1,000 live births.
- Unlinked Infant Mortality – The number of infant deaths in a given calendar year, as determined from mortality records.
- Linked Infant Mortality – Whenever possible, infant death certificate data are linked to birth certificate information to determine parental, demographic and birth data. Not all infant deaths can be linked (up to 3% are lost to follow-up). In this report, MCDPH created a linked death cohort such that one calendar year of infant death data linked back to the birth data from the current or prior calendar year.

More Information

For more information on population and health statistics, please visit the following websites:

- Maricopa County Department of Public Health: http://www.maricopa.gov/Public_Health/
- Arizona Department of Health Services: www.hs.state.az.us
- Centers for Disease Control and Prevention, National Center for Health Statistics: www.cdc.gov/nchs
- Department of Economic Security: <https://www.azdes.gov/aspnew/default.asp>